```
0002 **********************************
             0003 :*
             0004 :*
                                 Bally Timy Basic
                                                                 *
             0005 ;*
                                                                 *
             0006 ;*
                                     8/25/79
                                                                 *
             0007 :*
             0009 ;
(0206)
             0010 L0206
                         EQU
                                 0206H
(OFFF)
            0011 L0FFF
                         EQH
                                 OFFFH
(4000)
            0012 L4000
                         EQU
                                 4000H
                                                 : Text from 4000H to 4E18H
(4050)
            0013 L4050
                         EQU
                                 4050H
(4DC0)
            0014 L4DC0
                         EQU
                                 4DC0H
(4E20)
            0015 L4E20
                         EQU
                                 4E20H
                                              ' ; Tame insert mointer
(4E21)
            0016 L4E21
                         EQU
                                 4E21H
                                                 : Tame extract mointer
(4E22)
            0017 L4E22
                         EQU
                                                 : 4E22H-4E51H Tape input buffer
                                 4E22H
(4E52)
            0018 TXTUNF EQU
                                 4E52H
                                                 : "End of Basic Pam" address
(4E54)
            9019 L4E54
                         EQU
                                 4E54H
(4E55)
            0020 L4E55
                                 4E55H
                         EQU
                                                 : Key release timer (60 Hz)
(4E56)
            0021 L4E56
                         EQU
                                 4E56H
                                                : Time remaining on current note
(4E57)
            0022 L4E57
                         EQU
                                 4E57H
                                                ; Time for next note
(4E58)
            0023 L4E58
                         EQU
                                 4E58H
                                                : Master sound divider value
(4E59)
            0024 L4E59
                         EQU
                                 4E59H
                                                : Next note to output
(4E5A)
            0025 L4E5A
                         EQU
                                 4E5AH
(4E5B)
            0026 L4E5B
                         EQU
                                 4E5BH
(4E5C)
            0027 L4E50
                         EQU
                                 4E5CH
(4E5E)
            0028 L4E5E
                         EQU
                                 4E5EH
(4E60)
            0029 L4E60
                         EQU
                                 4E60H
(4E62)
            0030 L4E62
                         EQU
                                 4E62H
(4E63)
            0031 L4E63
                         EQU
                                 4E63H
(4E64)
            0032 L4E64
                         EQU
                                 4E64H
(4E66)
            0033 L4E66
                         EQU
                                 4E66H
                                                 ; Character Spec Table
(4E6C)
            0034 L4E6C
                         EQU
                                 4E6CH
                                                 : Indexes URBL storage area
(4E6D)
            0035 L4E6D
                                 4E6DH
                         EQU
                                                 : Last calc. input
(4ER2)
            0036 BKC
                         EQU
                                 4ER2H
                                                : BC
(4EA4)
            0037 FC
                         EQU
                                 4EA4H
                                                ; FC
(4EA6)
            0038 NT
                         EQU
                                 4ER6H
                                                 ; NT
(4E88)
            0039 CX
                         EQU
                                 4EASH
                                                 ; CX
(4EAA)
            0040 CY
                         EQU
                                 4EAAH
                                                3 CY
(4EAC)
            0041 XY
                         EQU
                                 4EACH
                                                ⇒ XY
(4EAE)
            0042 RM
                         EQU
                                 4EAEH
                                                 ; RM
(4EB0)
            0043 L4EB0
                         EQU
                                 4EB0H
                                                 : 16 digits for $
(4EB9)
            0044 L4EB9
                         EQU
                                 4EB9H
                                                : 16 digits for $
(4EC2)
            0045 L4EC2
                         EQU
                                 4EC2H
                                                : I/O flas 0=KBD in, VID out
            0046
                                                 ;
                                                           1=TAP in, VID out
            0047
                                                 ;
                                                           2=KBD in, TAP out
            0048
                                                           6=KBD in, TAP out
            0049
                                                 ;
                                                                      (expanded)
(4EC3)
            0050 CURRNT
                         EQU
                                 4EC3H
(4EC5)
            0051 STKGOS EQU
                                 4EC5H
(4EC7)
            0052 STKINP EQU
                                 4EC7H
                                                 : "NEXT" URBL address
(4EC7)
            0053 VARNXT EQU
                                 4EC7H
(4EC9)
            0054 LOPVAR EQU
                                 4EC9H
                                                 ; "FOR" VRBL address
(4ECB)
            9055 LOPINC EQU
                                 4ECBH
                                                ; "STEP" URBL address
(4ECD)
            0056 LOPLMT EQU
                                                : "TO" VRBL address
                                 4ECDH
(4ECF)
            0057 LOPLN
                         EQU
                                 4ECFH
                                                : Line # of current FOR line
(4ED1)
            0058 LOPPT
                         EQU
                                 4ED1H
                                                : Current FOR line text pointer
```

	0. 20. 7.			
(4ED4)	0059 BUFFER 0060	EQU	4ED4H	<pre>; Keyboard input buffer ; to 4FC3H</pre>
(4F5C)	0061 STKLMT	EQU	4F5CH	3 60 41 6011
(4FCE)	0062 L4FCE			
		EQU	4FCEH	
(4FEF)	0063 STACK	EQU	4FEFH	
(4FFF)	<b>00</b> 64 L4FFF	EQU	4FFFH	
( <b>800</b> 0)	0065 TXTBGN	EQU	<b>0A</b> 000H	
(A70C)	0066 TXTEND	EQU	<b>0</b> 870CH	
(000D)	0067 CR	EQU	0DH	
(000A)	0068 LF	EQU	0AH	
(0004)	0069 PORT4	EQU	4	
(0005)	0070 PORT5	EQU	5	
(0006)	0071 PORT6	EQU	6	
(0007)			7	
	0072 PORT7	EQU		
(0000)	0073 PORTOC	EQU	ØCH	
(000D)	<b>0</b> 074 PORT0D	EQU	ØDH	
(000E)	<b>0</b> 075 PORT0E	EQU	ØEH	
(000F)	<b>0</b> 076 PORTOF	EQU	0FH	
(0010)	<b>00</b> 77 PORT10	EQU	10H	
(0011)	<b>00</b> 78 PORT11	EQU	11H	
(0012)	<b>00</b> 79 PORT12	EQU	12H	
(0016)	0080 PORT16	EQU	1ÈH	
	0081 ;			
	0082 DO	MACRO	#P1	
	<b>00</b> 02 00	DB	#P1	: Subroutine #P1
	<b>00</b> 84		#FI	; Subroutine #ri
		MEND		
	0085 ;			
	0086 JTE	MACRO	#P1	
	<b>00</b> 87	DM	#P1 SHR 8	: Jump table entry
	<b>00</b> 88	DB	#P1 AND ØFFH	
	<b>00</b> 89	MEND		
	<b>00</b> 90 ;			
	0091 TSTC	MACRO	#P1,#P2	
	<b>0</b> 092	RST	8	
	0093	DB	#P1	: Char. to check
	0094	DB	#P2-\$-1	: Jump bias if no match
	0095	MEND	πι +	s dum blas in no matth
	<b>00</b> 96 ;	FILTIL		
		Moono		
	0097 EXPR	MACRO		
	<b>99</b> 98	RST	10H	: Evaluate expression
	<b>00</b> 99	MEND		
	0100 ;			
	0101 OUTC	MACRO		
	0102	RST	18H	: Output Char. in A
	0103	MEND		
	0104 ;			
	0105 IGNBLK	MACRO		
	0106	RST	20H	: Get next non-blank from (DE)
	0107	MEND		2 de a rexe rior plant i om voez
	0108 ;			
	0109 PARN	MACRO		
	0110	RST	28H	effect continue and 45 and addressed a deci-
			ZOFI	:Get value of () or storage adrs
	0111	MEND		
	0112 ;	Maana		
	0113 FINISH	MACRO		
	0114	RST	30H	; ; or cr. otherwise, WHAT?
	0115	MEND		

0116 : 9000 0117 ORG 2000H 0118; 2000 C35424 0119 JP CSTRT 2003 80200802 0120 L2003 DB 80H, 20H, 8, 2 :Masks for picture data (PX) 2007 C33E2A 0121 JP L2R3E ; RST 8 TSTC 200A C37F27 0122 JΡ EXXPR ; RST 10H EXPR 200D C37D2C 0123 JP L2C7D ; RST 18H OUTC 2010 C36A29 0124 JP L296A ; RST 20H IGNBLK 2013 C38928 0125 JP PAREN ; RST 28H PARN 2016 F1 0126 POP AF ; RST 30H FINISH 2017 035729 0127 JP L2957 0128 ; 201A C39D2D JP 0129 TAPEIN 0130 : 0131 ; Following is moved to 4EA2H 0132 ; 201D 0700 0133 L201D Dld 7 ; BC preset-Black 201F 0000 0134 DW Ø ; FC preset-White 2021 0300 0135 DW 3 : NT preset 2023 B3FF 0136 L2023 DW -77 CX preset 2025 2800 0137 DW 40 CY preset 2027 0000 0138 DW 0 ; XY preset 0139 : 2029 42414040 0140 L2029 DB 'BALLY BASIC', CR 59204241 5349430D 2035 57484154 0141 L2035 DB 'WHAT?', CR 3FØD 203B 484F573F 0142 L203B DB 1HOW?1,CR ØD 2040 534F5252 0143 L2040 DΒ 1SORRY1, CR 590D 0144 ; 2046 9B25 0145 L2046 LIST Dld ; 68 LIST 2048 5025 0146 Dld CLEAR ; 69 CLEAR 204A 7725 0147 DW RUN : 6A RUN 204C 9D26 0148 DM**NEXT** ; 6B NEXT 204E D922 0149 DW LINE # 6C LINE 2050 0A27 0150 Dld IF ; 6D 2052 9025 0151 DW GOTO ; 6E GOTO 2054 1426 0152 DW GOSUB ; 6F GOSUB 2056 3426 0153 RETURN DW ; 70 RETURN 2058 2722 0154 DU BOX : 71 BOX 205A 4A26 0155 DW FOR ; 72 FOR 205C 2327 0156 DW INPUT ; 73 INPUT 205E D325 0157 DW PRINT ; 74 PRINT 0158 ; 2060 F620 0159 DΨ L20F6 : Lisht Pen interrupt vector 2062 8020 0160 L2062 DW L20B0 ; Normal interrupt vector 0161 ; 2064 4C4953D4 0162 L2064 DM 'LIST' : 68 2068 43404541 0163 DM 1CLEAR1 : 69 **D2** 206D 5255CE 0164 DM 'RUN' ; 6A 2070 4E4558D4 0165 DM 'NEXT' ; 6B 2074 4C494EC5 **0166** DM 'LINE' **;** 60

CROME	MCO CDOS 280	ASSEMBLER ver	sion 02.	15	PAGE 0004
	Tiny Basic				
2078	4906	0167	DM	'IF'	
207A	474F54CF	0168			; 6D
			DM	160T01	; 6E
207E	474F5355 C2	0169	DM	/G0SUB/	; 6F
2083	52455455	0170	DM	'RETURN'	; 70
1000	520E	0110	D11	RETORN	, re
2089	424FD8	0171	DM	180X1	; 71
208C	464FD2	0172	DM	1F0R1	; 72
208F	494E5055	0173	DM	'INPUT'	; 73
	D4				
2094	5052494E	0174	DM	'PRINT'	<b>;</b> 74
2000	D4	6475	P. 64	a management of	
2099	535445D0	0175	DM	'STEP'	; 75
2090	524EC4	0176	DM	'RND'	<b>;</b> 76
20A0	54CF	0177	DM	1T01	<b>;</b> 77
		0178 ; 0179 ;	Encoict	. 2-letter va	uiskla.
		0180 ;	SPECIAL	. Z-lecter da	u.ranie2
20A2	12	0181 L20A2	DB	′R′-40H	; RM
20A3	4D	0182	DB	/M/	<b>3</b> (N)
20A4	18	0183	DB	1X1-40H	; XY
20A5	59	0184	DB	797	, m
2086	03	0185	DB	101-40H	; CY
20A7	59	0186	DB	2Ÿ2	3 01
20A8	<b>0</b> 3	0187	DB	′C′-40H	; CX
2089	58	0188	DB	/X/	,
20AA	ØE	0189	DB	′N′-40H	; NT
20AB	54	0190	DB	T1	· · · · · · · · · · · · · · · · · · ·
20AC	<b>9</b> 6	0191	DB	1F1-40H	; FC
20AD	43	0192	DB	1C1	- · · •
20AE	02	<b>0</b> 193	DB	1B1-40H	; BC
20AF	43	0194	DB	<b>1</b> 01	
		0195 ;			
		0196 ;	NORMAL	INTERRUPT PR	ROCESSOR
		0197 ;			
20B0	F5	0198 L20B0	PUSH	AF	
20B1	C5	0199	PUSH	BC	
20B2	D5	<b>0</b> 200	PUSH	DE	
20B3	E5	0201	PUSH	HL	
20B4	21554E	<b>02</b> 02	LD	HL,L4E55	
20B7	7E	<b>020</b> 3	LD	A. (HL)	: Get key release timer
20B8	A7	0204	AND	Я	
2089	2801	0205	JR	Z,L20BC	: Jr if already zero
20BB	35	0206	DEC	(HL)	<pre>; Decrement it</pre>
20BC	23	0207 L20BC	INC	HL	<b>: 4E</b> 56
20BD	7E	<b>020</b> 8	LD	A, (HL)	
20BE	A7	0209	AND	A	
20BF	2808	0210	JR	Z,L2009	
2001	35	0211 0212	DEC	(HL)	
2002	201F	0212 0217	JR NOD	NZ,L20E3	
2004	AF NZ44	<b>0</b> 213	XOR	A COSTAIN S	
2005	D311	0214 0215	OUT	(PORT11),A	
2007 2009	1818	0215	JR No	L20E1	
2009 2008	23 B6	0216 L2009 0217	INC	HL ZULN	; 4E57
20CB	2816	0217 0218	OR JR	(HL) Z,L20E3	
20CD	28 28	0219	DEC	HL HL	; 4E56
2000	a.L.	OLL J	DEC	132	) 4EJ6

```
CROMEMOO CDOS Z80 ASSEMBLER version 02.15
                                                            PAGE 0005
Bally Tiny Basic
                       8/25/79
20CE 77
                   0220
                                LD
                                        (HL)_{A}
20CF
      23
                   0221
                                INC
                                        HL
                                                        ; 4E57
20D0
      3600
                   0222
                                        (HL),0
                                LD
20D2
      23
                   0223
                                INC
                                        HL
                                                        ; 4E58
20D3
     7E
                   0224
                                LD
                                        A. (HL)
     D310
20D4
                   0225
                                CUT
                                        (PORT10), A
20D6
      3647
                   0226
                                LD
                                        (HL), 47H
                                                        : Reset master sound divider
20D8
     23
                   0227
                                INC
                                        HL
                                                        ; 4E59
20D9
     7E
                   0228
                                LD
                                        A. (HL)
20DA D311
                   0229
                                OUT
                                        (PORT11),A
20DC A7
                   0230
                                AND
20DD
      2804
                   0231
                                        Z,L20E3
                                JR
20DF
      3E0F
                   0232
                                LD
                                        A. OFH
20E1
      D316
                   0233 L20E1
                                OUT
                                        (PORT16), A
20E3
                   0234 L20E3
      3AA24E
                                LD
                                        A. (BKC)
                                                        ; Get BC
20E6 D304
                   0235
                                OUT
                                        (PORT4), A
20E8
      D305
                   0236
                                OUT
                                        (PORT5), A
20EA
      3AA44E
                   0237
                                LD
                                        A_{\nu}(FC)
                                                        : Get FC
20ED D306
                   0238
                                OUT
                                        (PORT6), A
20EF D307
                   0239
                                OUT
                                        (PORT7),A
20F1 E1
                   0240
                                POP
                                        HL
20F2 D1
                   0241
                                POP
                                        DE
20F3 C1
                   0242
                                POP
                                        BC
20F4 1833
                   0243
                                JR
                                        L2129
                   0244 ;
                   0245 J***********************************
                   0246 :*
                                Light pen interrupt processor
                   0248 :
20F6
      F5
                   0249 L20F6
                                PUSH
                                        AF
20F7
      D9
                   0250
                                EXX
20F8
      DB12
                   0251
                                IN
                                        A, (PORT12)
                                                        : Collect at least 4 is to start
20FA
     1F
                   0252
                                RRA
                                                        ; Then wait on a 0 (Start bit)
20FB
      79
                   0253
                                LD
                                        A.C
                                                        ; Collect 8 bits, them wait for
20FC
      1F
                   0254
                                RRA
                                                        : another start bit.
20FD
      4F
                   0255
                                LD
                                        CAR
                                                        : Move old data to hi C
20FE
      78
                   0256
                                LD
                                        A.B
20FF
      A7
                   0257
                                AND
                                        Ĥ
2100
      FA0021
                   0258
                                JP.
                                        MJL210D
                                                        : Minus means collecting 4 is
2103
      2011
                   0259
                                JR
                                        NZ-L2116
                                                        : NZ means collecting data
      CB79
2105
                   0260
                                BIT
                                        7.0
                                                        : Else waiting on start bit
2107
      201F
                   0261
                                JR
                                        NZ-L2128
                                                        : Leave unless start bit found
2109
      0608
                   0262
                                LD
                                        B.8
                                                        : Now collect 8 data bits
210B
     181B
                   0263
                                JR
                                        L2128
                   0264 ;
210D 04
                   0265 L210D
                                INC
                                                        ; Increment 1 collector
210E CB79
                   0266
                                BIT
                                        7,0
2110 2016
                   0267
                                JR
                                        NZ/L2128
                                                        ; Good if a 1
2112 06FC
                   0268
                                LD
                                        BJØFCH
                                                         : Else reset collector
2114 1812
                   8269
                                JR
                                        L2128
                   0270 :
2116 1010
                   0271 L2116
                                DJNZ
                                        L2128
                                                         : Leave unless 8 bits collected
```

2118 2R204E

211C CD2C21

2120 2806

BC

2118 7D

211F

**0272** 

**0273** 

0274

0275

**0276** 

LD

LD

CP

JR

CALL

HL (L4E20)

: Get insert pointer

: Buffer is Jammed: forset it!

: Update for next

A.L

Н

L2120

Z,L2128

```
CROMENCO CDOS Z80 ASSEMBLER version 02.15
                                                          PAGE 0006
Bally Tiny Basic
                       8/25/79
2122 32204E
                   0277
                               LD
                                       (L4E20), R
                                                       : Save insert pointer
2125 264E
                   0278
                               LD
                                       HJL4E22 SHR 8
2127 71
                  0279
                               LD
                                       (HL),C
2128 D9
                   0280 L2128
                               EXX
2129 F1
                  0281 L2129
                               POP
                                       RF
2128 FB
                   0282
                               EI
212B C9
                   0283
                               RET
                  0284 ;
2120 30
                  0285 L2120
                              INC
212D FE52
                  0286
                               CP
                                       (L4E22+48) AND 0FFH
212F C0
                               RET
                   0287
2130 3E22
                  0288
                               LD
                                       A,L4E22 AND 0FFH
2132 C9
                   0289
                               RET
                   0290 ;
                   0291 :
                              Prepare for tape input
                   0292 :
                   0293 ;
                               :INPUT, :LIST and :RUN call this routine
                   0294 ;
2133 F3
                   0295 L2133 TDI
2134 212222
                   0296
                               LD
                                       HL,[L4E22 AND 0FFH]+[[L4E22 AND 0FFH] SHL 8]
2137 22204E
                   0297
                               LD
                                       (L4E20), HL
213A D9
                   0298
                               EXX
213B AF
                  0299
                               XOR
213C 32A64E
                   0300
                               LD
                                       (NT)<sub>A</sub>
                                                       : No notes
213F 30
                   0301
                               INC
2140 32024E
                   0302
                               LD
                                       (L4EC2),A
2143 Ø6FC
                   0303
                               LD
                                       B, ØFCH
2145 D9
                   0304
                               EXX
2146 3E18
                   0305
                               LD
                                       A, 18H
2148 D30E
                   0306
                               OUT
                                       (PORTOE), A
2148 FB
                   0307
                               ΕI
214E
                   8020
                               IGNBLK
214B E7
                   0309+
                               RST
                                       20H
                                                       ; Get next non-blank from (DE)
214C CD6521
                   0310
                               CALL
                                       L2165
214F C8
                   0311
                               RET
                                       Z
2150 CD7F27
                   0312
                               CALL
                                       EXXPR
                                                   🦿 💢 Same as RST 10H
2153 D5
                   0313
                               PUSH
                                       DE
2154 E5
                  0314 L2154
                               PU5H
                                       HL
2155 CD9D2D
                   0315
                               CALL
                                       TAPEIN
                                                       : Get tame character
2158 E1
                   0316
                               POP
                                       HL
2159 BC
                  0317 L2159
                               CP'
                                       Н
215A 20F8
                  0318
                               JR
                                       NZ-L2154
2150 E5
                  0319
                               PUSH
                                       HL
215D CD9D2D
                   0320
                               CALL
                                       TAPEIN
2160 E1
                               POP
                  0321
                                       HL
2161 BD
                   0322
                               CP
2162 20F5
                   0323
                                JR
                                       NZ/L2159
2164 D1
                               POP
                   0324
                                       DE
2165 FE3B
                   0325 L2165
                               CP
                                       131
2167 C8
                  0326
                                       Z
                               RET
2168 FE@D
                   0327
                               CP
                                       CR
216A C9
                  0328
                               RET
                   0329 :
                   0330 :
                               :INPUT - Load BASIC program into memory
                   0331 :
```

216B

216E

CD3321

0332 L216B

0333

CALL

FINISH

L2133

CROMEMOO CDOS Z80 ASSEMBLER version 02.15 PAGE 0007 Bally Tiny Basic 8/25/79 216E F7 0334+ RST 30H : or cr. otherwise, WHAT? 0335 ; 0336 ; :LIST - List BASIC tape 0337 ; 216F CD3321 0338 L216F CALL L2133 2172 CD9D2D **0339 L2172** CALL TAPEIN 2175 **0**340 OUTC 2175 DF 8341+ RST 18H ; Output Char. in A 2176 18FA 0342 JR L2172 0343 ; \*PRINT - Print BASIC program onto printer 0344 ; 0345 ; 2178 3E06 **0**346 L2178 LD 8,6 217A 01 0347 DB 1 : Skips 2 butes 0348 ; 0349 : :PRINT - Print BASIC program to tape **0350** : 217B 3E02 0351 L217B LD A, 2 217D 32C24E (L4EC2), A **0**352 LD 2180 **035**3 FINISH 2180 F7 0354+ RST 30H ;; or cr. otherwise WHAT? 0355 ; 0356 : :RUN - Load tage to 4000H-407FH and execute 0357 ; 0358 L2181 2181 CD3321 CALL L2133 2184 210040 0359 LD HL.L4000 2187 E5 0360 PUSH HL 2188 E5 0361 L2188 PUSH HL 2189 CD9D2D 0362 CALL TAPEIN 218C E1 **03**63 POP HL 218D 77 0364 LD (HL)/B 218E 23 0365 HL INC 218F CB7D 0366 BIT 7.L 2191 28F5 0367 JR Z,L2188 2193 C9 0368 RET **0**369 ; 0370 ; \$ Calculator interface routine 0371 ; \$<sign>,<arg1>,<arg2>,<arg3> 0372 ; means <ars3>=(ars1><sisn><ars2> 0373 ; 2194 0374 DOLLAR IGNBLK ∴ Get 1st character after \$ 2194 E7 0375+ RST 20H : Get next non-blank from (DE) 2195 13 *0*376 INC DE 2196 F5 0377 PUSH ĤF : Save sign 2197 CDFB21 0378 CALL L21FB : Get URBL storage adrs. 219A D5 0379 PUSH. DE 219B 11B04E 0380 LD DE,L4EB0 ; Data i adrs. 219E CD1822 0381 CALL L2218 ; Insert (arg1) 21A1 D1 0382 POP DE 2182 0383 TSTC 2CH/L21FF ; Comma 2182 CF 0384+ RST. 8

21A3 20

2184 58

2188 F1

2189 D5

21A5 CDFB21

2188 11B94E

0385+

**9336+** 

0387

8820

0389

**0**390

DB

DB

CALL

POP

PUSH

LD

2CH

ĤΕ

DE

L21FB

L21FF-\$-1

DE,L4EB9

: Char. to check

: Rearrange stack

; Data 2 adrs.

: Get URBL storage adrs.

Jump bias if no match

palla	itua pazic	8/23/79			
218D	re	0704	DUCH	or	
	F5	<b>0</b> 391	PUSH	AF	
21AE	CD1822	0392	CALL	L2218	: Insert (arg2)
21B1	11B04E	0393	LD	DE,L4EB0	; Data 1 adrs.
2184	F1	0394	POP	AF	; Resain sisn
21B5	<b>0</b> 609	0395	LD	B, 9	; 18 disits
2187	CD0222	<b>0</b> 396	CALL	L2202	; Do the math
21BA	D1	<b>0</b> 397	POP	DE	: Get imput pointer
21BB		<b>0</b> 398	TSTC	2CH, L21FF	; Comma
21BB	CF	<b>0</b> 399+	RST	8	
21BC	<b>2</b> 0	<b>04</b> 00+	DB	2CH	; Char. to check
21BD	41	0401+	DB	L21FF-\$-1	; Jump bias if no match
21BE	CDFB21	0402	CALL	L21FB	: Get URBL storage adrs.
21C1	D5	<b>0</b> 403	PUSH	DE	
21C2	11B04E	<b>04</b> 04	LD	DE,L4EB0	; Data 1 adrs.
2105	010012	0405	LD	BC,1200H	
2108	EB	<b>040</b> 6 L2108	EX	DE, HL	
2109	FF	0407	RST	38H	
21CA		0408	DO	86	; Get BCD digit
21CA	56	0409+	DB	86	; Subroutine 86
21CB	C630	0410	ADD	A)/01	; Convert BCD to ASCII
21CD	EB	0411	EX	DE, HL	, convert bob to Nacili
21CE	CDE72F	0412	CALL	L2FE7	: Save @ (HL)
21D1	23	0413	INC	HL HL	Dave & (NL)
2102	23	0414	INC	HL	
2103	<b>0</b> C	0415	INC	C	
2104	10F2	<b>041</b> 6	DJNZ		• D= 40 =6 45
2104	D1	0417		L2108	; Do 18 of them
2107	UI.		POP	DE	
	F7	0418	FINISH	<b>-</b> 7641	
2107	F7	0419+	RST	30H	; ; or cr. otherwise, WHAT?
		0420 ;	<b>5</b> 44 <b>6</b> 4		
		0421 ;		eck screen dot	
		0422 ;	PXCCexp	r1>, <expr2>)</expr2>	
		0423 ;			
2108		0424 PX	TSTC	((つL21FF	
21D8	CF	0425+	RST	8	
21D9	28	0426+	DB	′(′	: Char. to check
21DA		0427+	DB	L21FF-\$-1	; Jump bias if no match
21DB	C5	<b>94</b> 28	PUSH	BC	
21DC		0429	EXPR		
21DC	D7	0430+	RST	10H	: Evaluate expression
21DD	<b>E</b> 5	0431	PU5H	HL	: Save value of (expr1)
21DE		0432	TSTC	2CH, L21FF	; Comma
21DE	CF	0433+	RST	8	
21DF	20	0434+	DB	2CH	: Char. to check
21E0	1E	0435+	DB	L21FF-\$-1	; Jump bias if no match
21E1		0436	EXPR		y want Elds It the magett
21E1	D7	0437+	RST	10H	; Evaluate expression
21E2		0438	TSTC	つつL21FF	Freducte explession
21E2	CF	0439+	RST	8	
21E3	29	0440+	DB	·)/	; Char. to check
21E4	18	0441+	DB	L21FF-≢-1	Jump bias if no match
21E5	Ci	0442	POP	BC BC	
21E6	D5	<b>044</b> 3	PUSH	DE	; X value
21E7	55	0444	LD	DiF	<pre>; Save text pointer ; D = Y</pre>
21E8	59	0445	LD	E,C	
21E9	CDDF23	<b>044</b> 6	CALL	L23DF	; E = X
	EB	<b>044</b> 7	EX		; Get odd ort adrs to A
2120	LD	UT71	EV	DE, HL	; and adrs to DE

<b>B</b> 9119	liny Basic	8/25/79			
21ED	FF	<b>044</b> 8	RST	38H	
21EE	* *	<b>044</b> 9	D0	92+1	; Inc HL by A
21EE	50	0450+	DB	92+1	: Subroutine 92+1
21EF	<b>0</b> 320	0451	DW	L2003	; HL
21F1	18	0452	LD	A, (DE)	; Get CRT dots
21F2	A6	0453	AND	(HL)	; AND with mask
21F3	2600	0454	LD	H, 0	FIRE WION MOST
21F5	6C	0455	LD	LiH	
21F6	D1	<b>0</b> 456	POP	DE	
21F7	C1	0457	POP	BC	
21F8	C8	<b>04</b> 58	RET	Z	; No dot
21F9	23	0459	INC	HL	
21FA	C9	0460	RET		; Dot on
		0461 :			
21FB	CDD929	<b>0</b> 462 L21FB	CALL	TSTU	
21FE	DØ	<b>04</b> 63	RET	NC	; Was a variable
21FF	C37329	0464 L21FF 0465 ;	JP	QWHAT	
2202	FE62	0466 L2202	CP	62H	; Multiplication sign
2204	300A	0467	JR	NC,L2210	JF if Mult or Divide
2206	FE2D	0468	CP CP	2DH	or it have or provide
2208	2803	0469	JR	Z,L220D	
220A	FF	0470	RST	38H	
220B		0471	DO	98	; Add
2208	62	0472+	DB	98	: Subroutine 98
2200	C <del>9</del>	0473	RET		
220D	FF	0474 L220D	RST	38H	
220E		0475	D0	100	; Subtract
220E	64	0476+	DΒ	100	; Subroutine 100
220F	C9	0477	RET		
2210	2003	<b>0</b> 478 L2210	JR	NZ,L2215	; Jr if divide
2212	FF	0479	RST	38H	
2213		<b>0</b> 480	DO	102	; Multiply
2213	66	0481+	DB	102	: Subroutine 102
2214	C9 FF	0482	RET	700	
2215 2216	rr	0483 L2215	RST	38H	with the state of
2216	68	0484 0485+	DB DO	104	; Divide
2217	C9	<b>04</b> 85 <b>04</b> 86	RET	104	: Subroutine 104
2211	C)	0487 ;	KE i		
2218	EB	0488 L2218	EX	DE.HL	
2219	010012	0489	LD	BC,1200H	; 18 digits
2210	CDCF2F	0490 L221C	CALL	L2FCF	; Get data from storage
221F	FF F	0491	RST	38H	, dec data from storage
2220	••	0492	DO.	88 88	; Replace BCD digit
2220	58	0493+	DB	88	; Subroutine 88
2221	ØC:	0494	INC	C	: Next disit
2222	13	0495 L2222	INC	DE	; Next storage location
2223	13	<b>04</b> 96	INC	DE	
2224	10F6	0497	DJNZ	L221C	; Do 18 of them
2226	C9	<b>049</b> 8	RET		<del></del>
		0499 ;			
		<b>0</b> 500 ;		raw a box on the	
		<b>05</b> 01 ;	B0X((x)	۰٬ <y>،/xsize&gt;،<mark><y< mark="">s</y<></mark></y>	ize>, <type></type>
		<b>0502</b> ;			
2227		<b>050</b> 3 B0X	EXPR		
2227	D7	0504+	RST	10H	; Evaluate expression

89113	lina Basic	8/25/79			
2000	p.	onon	<b>5</b> 1.4 <b>7</b> 1.1	• • •	_
2228	£3	<b>05</b> 05	PUSH	HL	: Save starting x
2229		<b>95</b> 96	TSTC	2CH, L2281	: Comma
2229	CF	<b>05</b> 07+	RST	8	
222A	20	<b>05</b> 08+	DB	2CH	: Char. to check
222B	55	<b>05</b> 09+	DB	L2281-\$-1	; Jump bias if no match
2220		<b>0</b> 510	EXPR		
222C	D7	0511+	RST	10H	: Evaluate expression
2220	E5	<b>0</b> 512	PUSH	HL	; Save starting y
222E		0513	TSTC	2CH, L2281	: Comma
222E	CF	<b>0</b> 514+	RST	8	Comma
222F	2C	0515+	DB		
2230	50			2CH	: Char. to check
2231		0516+	DB	L2281-\$-1	; Jump bias if no match
	CDD022	<b>051</b> 7	CALL	L22D0	: Get Expr., Ranse 1-255
2234	F5	<b>05</b> 18	PUSH	AF	: Save xsize
2235		<b>0</b> 519	TSTC	2CH, L2281	; Comma
2235	CF	<b>0</b> 520+	RST	8	
2236	2C	0521+	DB	2CH	; Char. to check
2237	49	<b>0</b> 522+	DB	L2281-\$-1	; Jump bias if no match
2238	CDD022	<b>05</b> 23	CALL	L2200	: Get Expr., Range 1-255
223B	F5	0524	PU5H	AF	; Save ysize
2230		<b>052</b> 5	TSTC	2CH, L2281	; Comma
2230	CF	<b>0</b> 526+	RST	8	· Commo
223D	20	0527+	DB	2CH	; Char. to check
223E	42	<b>0</b> 528+	DB	L2281-\$-1	
223F	1	<b>0</b> 529	EXPR	L2201-4-1	; Jump bias if no match
223F	D7	<b>05</b> 30+		100	Get box type
2240	D5	<b>05</b> 31	RST	10H	: Evaluate expression
2241			PUSH	DE	: Save text pointer
	DDE1	<b>0</b> 532	POP	IX	; in IX
2243	F1	<b>0533</b>	POP	AF	; Get ysize to B
2244	47	0534	LD	B,A	
2245	F1	<b>0</b> 535	POP	AF	: Get xsize to C
2246	4F	<b>05</b> 36	LD	C' A	
2247	<b>7</b> 0	0537	LD	A,L	; Get box type to A
2248	E1	<b>05</b> 38	POP	HL	; Get start y to D
2249	55	<b>05</b> 39	LD	DyL	
224A	E1	0540	POP	HL	: Get start x to E
2248	5D	0541	LD	E,L	
224C	6F	<b>05</b> 42	LD	L/A	
224D	60	<b>054</b> 3	LD	H, B	
224E	25	0544	DEC	Н	
224F	CB3C	0545	SRL	H	
2251	7A	<b>0</b> 546	LD	A,D	
2252	CD8422	<b>0</b> 547	CALL	L2284	
2255	84	<b>054</b> 8	ADD		
2256	FE2C			A,H	
		<b>9549</b>	CP	2CH	
2258	<b>302</b> 3	<b>0</b> 550	JR	NC/L227D	
225A	7A	0551	LD	A,D	
225B	84	<b>05</b> 52	ADD	A,H	
2250	57	<b>0553</b>	LD	D.A	
225D	61	<b>0</b> 554	LD	H <sub>2</sub> C	
225E	CB3C	<b>95</b> 55	SRL	Н	
2260	7B	<b>05</b> 56	LD	A,E	
2261	CD8422	<b>05</b> 57	CALL	L2284	
2264	84	<b>055</b> 8	ADD	A,H	
2265	FE51	<b>05</b> 59	CP	51H	
2267	3014	<b>0</b> 560	JR	NC/L2270	
2269	7B	<b>0</b> 561	LD	A,E	
	. 🕶			717 L	

	MCO CDOS Z80 Tiny Basic	ASSEMBLER ver 8/25/79		15	PAGE 0011
226A	94	<b>05</b> 62	SUB	Н	
226B	5F	<b>05</b> 63	LD	E,A	
<b>226</b> C	7D	<b>0</b> 564	LD	A,L	
226D	E603	<b>05</b> 65	AND	3	
226F	280C	<b>05</b> 66	JR	Z,L227D	
2271	D602	<b>05</b> 67	SUB	2	
2273	F5	<b>05</b> 68	PUSH	AF	
2274	CDDF23	<b>05</b> 69	CALL	L23DF	
2277	D30C	0570	OUT	(PORTØC), A	
2279	F1	0571	POP	AF	
2278	CD8922	0572	CALL	L2289	
227D	DDE5	0573 L227D	PUSH	IX	
227F	D1	<b>0</b> 574	POP	DE	
2280		<b>05</b> 75	FINISH	<i>V</i> L	
2280	F?	<b>0</b> 576+	RST	30H	; ; or cr. otherwise, WHAT?
2200	, ,	0577 <b>;</b>	1/~! 1	Sen	, , or cr. otherwise, what?
2281	C37329	0578 L2281	JP	QWHAT	
0004	0.2	0579 ;	OLUT.	•	
2284	87 50	<b>05</b> 80 L2284	AND	A	
2285	F0	<b>05</b> 81	RET	P	
2286	ED44	<b>95</b> 82	NEG		
2288	C9	<b>05</b> 83	RET		
2289	5F	<b>0</b> 584 L2289	LD	E,A	
228A	79	<b>05</b> 85	LD	A,C	
228B	0F	<b>95</b> 86	RRCA		
2280	0F	<b>95</b> 87	RRCA		
228D	E63F	<b>0</b> 588	AND	3FH	
228F	30	<b>05</b> 89	INC	A	
2290	57	<b>0</b> 590	LD	D.A	
2291	15	0591 L2291	DEC	D 7 1 0000	
2292	2807	<b>0</b> 592	JR	Z,L229B	
2294	3EAA	<b>05</b> 93	LD	A. ØAAH	
2296	CDRE22	<b>05</b> 94	CALL	L22AE	
2299	18F6	<b>05</b> 95	JR	L2291	
229B	79 5407	0596 L229B	LD	A,C	
2290	E603	<b>95</b> 97	AND	3	
229E	3C	<b>0</b> 598	INC	A	
229F	4F	<b>0</b> 599	LD	C/B	
22A0	AF	0600	XOR	A	
22A1	0D	0601 L22A1	DEC	0	
2282	2806	<b>9</b> 692	JR Proce	Z,L22AA	
2284	0F	<b>0</b> 603	RRCA		
22A5	0F	<b>0</b> 604	RRCA	660	
2286	F680	<b>0605</b>	OR	80H	
22A8	18F7	0606	JR	L22R1	
22AA	CDRE22	<b>0</b> 607 L22AA	CALL	L22RE	
22AD	AF	0608	XOR	A	
22AE	E5	0609 L22AE	PUSH	HL	
22AF	C5	0610	PUSH	BC	
22B0	32FF0F	0611	LD	(LØFFF),A	
22B3	3AFF4F	<b>0</b> 612	LD	A. (L4FFF)	
2286	4F	<b>0</b> 613	LD	CAR	
22B7	7B	0614 L22B7	LD	A/E	
<b>228</b> 8	FE01	0615	CP	1	
22B8	<b>200</b> 2	Ø616	JR	N7.1.22RF	

C

NZ/L22BE

A, (HL)

JR

LD

XOR

22BR 2002

22BC 7E 22BD R9

0616

0617

0618

22F6

3016

0675

JR

NC,L230E

JF if out of range

Bally	Tiny Basic	8/25/79	€		
2050	70	0474	1.6	0.11	
22F8	70 000407	9676 9677	LD	A,H	
22F9	CD8423	<b>0</b> 677	CALL	L2384	
22FC	3010	<b>9</b> 678	JR	NC/L230E	
22FE	228C4E	<b>0</b> 679	LD	(XY),HL	; U <del>p</del> date xy
2301	79 5497	<b>0</b> 680	LD CL	A,C	
2302	E603	<b>0</b> 681	AND	3	
2304	2808	<b>0</b> 682	JR	Z,L230E	
2306	D602	<b>0</b> 683	SUB	2	
2308	325B4E	9684	LD	(L4E5B),A	
230B	CD1523	9685	CALL	L2315	
230E	DDE5	0686 L230E	PUSH	IX	
2310 2311	D1	<b>0</b> 687	POP ETNICU	DE	
2311	F7	<b>9</b> 688	FINISH	700	
2311	C37A2A	<b>06</b> 89+	RST	30H	; ; or cr. otherwise, WHAT?
2315		0690 L2312	JP Ducu	QHOW	
	D5	0691 L2315	PUSH	DE	
2316	45 40	<b>0</b> 692	LD	B,L	
2317	4B	<b>0693</b>	LD	C,E	
2318	CDBD23	0694	CALL	L23BD	
231B	58 40	<b>069</b> 5	LD	E,B	
2310	69	0696	LD	L,C	
231D	44	9697	LD	B,H	
231E	48 engage	<b>069</b> 8	LD	C.D	
231F	CDBD23	0699	CALL	L23BD	
2322	61	0700	LD	H°C	
2323	50	0701	LD	D/B	
2324	225E4E	<b>0702</b>	LD	(L4E5E),HL	
2327	<b>0</b> E00	9793 9794	LD	C.0	
232 <del>9</del>	78 55	0704 0705	LD	A,D	
232A	BB 7007	9795 9794	CP	E	
232B	3803	0706 6705	JR	C,L2330	
232D	53	9797 9799	LD	D.E	
232E	5F	<b>07</b> 08	LD	E,A	
232F	9C	0709	INC	C	
2330	78	0710 L2330	LD	A/D	
2331	CB3F	0711 0710	SRL	A	
2333	47	0712 6747	LD	B,A	
2334	EB	0713	EX	DE, HL	
2335	225C4E	0714	LD	(L4E5C),HL	
2338	D1	9715 9716	POP	DE	
2339	7D 70	0716	LD	A, L	
233A	3C	0717	INC	A	
233B	F5	0718 L233B	PUSH	AF	
2330	CDDF23	0719	CALL	L23DF	
233F	C5	9729 9724	PUSH	BC	
2340 2341	E5	9721	PUSH	HL	
2342	4F	0722 6707	LD	C/A	
2342	<b>06</b> 00	9723 9724	LD	B, 0	
2347	210320 09	0724 0725	LD	HL7L2003	
2348 2348	46	9725 9726	ADD	HL/BC	
2349	46 E1	0725 0727	LD	B <sub>2</sub> (HL)	
2349 2348	3A5B4E		POP	HL G (LAFER)	
234D	FE01	0728 0729	LD	A, (L4E5B)	
234F	2002	0729 0730	CP TP	1 - NO 1 0757	
2351	2002 7E	0731	JR	NZ,L2353	
2352	AS		LD	A, (HL)	
ZJJZ	no	<b>07</b> 32	XOR	В	

20112	17115 POSTC	0/20/15	,			
2353	RE	0733 L2353	XOR	(HL)		
2354	AO	0734	AND	B		
2355	AE	<b>0</b> 735	XOR			
2356	77	<b>0</b> 736		(HL)		
2357	Ci		LD	(HL),A		
		<b>0737</b>	POP	BC		
2358	285C4E	<b>0738</b>	LD	HL, (L4E5C)		
235B	78	<b>0</b> 739	LD	A,B		
2350	84	0740	ADD	R,H		
235D	BD	0741	CP	L		
235E	380D	0742	JR	C/L236D		
2360	95	0743	SUB	L		
2361	47	0744	LD	B√A		•
2362	2A5E4E	0745	LD	HL/(L4E5E)		
2365	7A	0746	LD	A,D		
2366	84	0747	ADD	A,H		
2367	57	<b>0</b> 748	LD	D/A		
2368	7B	<b>074</b> 9 L2368	LD	A,E		
2369	85	<b>0</b> 750	ADD	A/L		
236A	5F	0751	LD	E,A		
236B	180B	0752	JR	L2378		
236D	47	0753 L236D	LD	B∍A		
236E	285E4E	0754	LD	HL, (L4E5E)		
2371	79	<b>975</b> 5	LD	A,C		
2372	0F	0756	RRCA			
2373	30F3	0757	JR	NC/L2368		
2375	78	0758	LD	A,D		
2376	84	0759	ADD	A.H		
2377	57	0760	LD	D,A		
2378	F1	0761 L2378	POP	AF		
2379	30	0762	DEC	Ä		
237A	20BF	0763	JR	NZ,L233B		
237C	C9	<b>0</b> 764	RET	112 ) 12000		
20.0	0,5	0765 ;	NL I			
237D	FE50	0766 L237D	CP	80	• Chook	.CX range
237F	D8	0767	RET	C	a Chech	on railae
2380	FEB0	<b>0</b> 768	CP	-80		
2382	3F	<b>0</b> 769	CCF	-00		
2383	C9	0770	RET			
2000	C 9	0771 ;	REI			
2384	FE2C	0772 L2384	CP	44	• 641	Cit.
2386	D8	0773			; uneck	CY range
2387	FED4		RET	C		
2389	3F	0774 0775	CP	-44		
238A	3F C9	<b>0775</b>	CCF			
230H	CF	0776 0777 ;	RET			
238B	F5	<b>0</b> 778 L238B	PUSH	AF		-
238C	3AAA4E	0779	LD	A/(CY)		
238F	2F	<b>0</b> 780	CPL			
2390	C629	0781	ADD	A) 29H		
2392	FE51	0782	CP	51H		
2394	3801	0783	JR	C/L2397		
2396	AF	0784	XOR	A		
2397	67	0785 L2397	LD	H, A		
2398	3AA84E	0786	LD	A, (CX)		
239B	C64D	0787	ADD	A, 4DH		
239D	FE9D	<b>078</b> 8	CP	9DH		
239F	3801	0789	JR	C.L23A2		

00117	TIND DODAC	0, 20, 12			
23A1	AF	<b>0</b> 790	XOR	A	
23A2	6F	0791 L23A2	LD	L'A	
23A3	F1	0792	POP	AF	
23A4	C9			ПГ	
		0793	RET	1.00	
23A5	<b>E</b> 5	0794 L23A5	PUSH	HL	
2386	70 5400	0795	LD	A.H	
23A7	D629	<b>0</b> 796	SUB	29H	
23/19	2F	0797	CPL		
23AA	6F	<b>079</b> 8	LD	LA	
23AB	CDCD28	0799	CALL	L28CD	
23AE	22884E	<b>080</b> 0	LD	(CY),HL	: Umdate CY
23B1	E1	<b>0</b> 801	POP	HL	
23B2	7D	<b>0</b> 802	LD	A,L	
23B3	D64D	<b>080</b> 3	SUB	4DH	
2385	6F	0804	LD	LA	
<b>23</b> B6	CDCD28	<b>08</b> 95	CALL	L28CD	
23B9	22A84E	<b>0</b> 306	LD	(CX), HL	: Umdate CX
23BC	C9	<b>0</b> 807	RET		
23BD	E5	<b>08</b> 08 L23BD	PUSH	HL	
23BE	D5	<b>0</b> 809	PUSH	DE	
23BF	<del>69</del>	<b>0</b> 810	LD	L,C	
2300	CDCD28	<b>0</b> 811	CALL	L28CD	
2303	EB	<b>0</b> 812	EX	DE, HL	
2304	68	0813	LD	L,B	
2305	CDCD28	<b>0</b> 814	CALL	L28CD	
2308	AF	0815	XOR	A	
2309	ED52	<b>0</b> 816	SBC	HL, DE	
23CB	B4	<b>0</b> 817	OR	Н	
23CC	2807	<b>0</b> 818	JR	Z,L23D5	
23CE	4F	<b>0</b> 819	LD	C.A	
23CF	7D	<b>0</b> 820	LD	A,L	
23D0	ED44	0821	NEG		
23D2	47	<b>0</b> 822	LD	B.A	
23D3	1807	<b>0</b> 823	JR	L23DC	
23D5	85	<b>0</b> 824 L23D5	0R	L	
23D6	2802	<b>0</b> 825	JR	ZJL23DA	
23D8	3E01	<b>0</b> 826	LD	A.1	
23DA	45	<b>0</b> 827 L23DA	LD	B,L	
23DB	4F	<b>0</b> 828	LD	CA	
23DC	D1	<b>0</b> 829 L23DC	POP	DE	
23DD	E1	<b>083</b> 0	POP	HL	
23DE	C9	<b>0</b> 831	RET		
		<b>0</b> 832 :			
23DF	D5	0833 L23DF	PUSH	DE	; Save XY
23E0	7A	0834	LD	A,D	; Get y
23E1	2F	<b>08</b> 35	CPL		: Reverse sense
23E2	0620	<b>0</b> 836	ADD	A, 44	; Make it 0-87
23E4	57	<b>08</b> 37	LD	D.A	; Put it back
23E5	7B	<b>0</b> 838	LD	A,E	·
23E6	C650	0839	ADD	A.80	; Same for x
23E8	5F	0840	LD	E/A	
23E9	AF	0841	XOR	A	
23EA	FF	<b>0</b> 842	RST	38H	
23EB		<b>0</b> 843	DO	58	; Get CRT adms to DE
23EB	3A	0844+	DB	58	; Subroutine 58
23EC	EB	0845	EX	DE, HL	
23ED	D1	<b>084</b> 6	POP	DE	; Resain orisinal XV

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23EE	C9	0847	RET		
		0848 ;			
23EF	C5	0849 KP	PUSH	BC	
23FØ	D5	<b>0</b> 850	PUSH	DE	
23F1	CD9D2D				
		0851	CALL	TAPEIN	
23F4	D1	<b>0</b> 852	POP	DE	•
23F5	C1	<b>0</b> 853	POP	BC	
23F6	6F	<b>0</b> 854	LD	LA	; HL is output resister
23F7	2600	0855	LD	H. Ø	
23F9	C9	0856	RET		
		0857 ;			
		<b>0858</b> ;	OUTPUT	&((expr))=	
		<b>085</b> 9 ;			
23FA		<b>0</b> 860 L23FA	PARN		
23FA	EF	0861+	RST	28H	:Get value of () or storage adms
23FB		0862	TSTC	/=/,L2424	Juet value of 17 of 500 age agrs
23FB	CF	0863+	RST	8	
23FC	3D	<b>0</b> 864+		• 7 <u>±</u> 7	• Character to
23FD			DB		: Char. to check
	26 55	<b>9865+</b>	DB	L2424-\$-1	; Jump bias if no match
23FE	E5	<b>9866</b>	PUSH	HL	
23FF		<b>0</b> 867	EXPR		
23FF	D7	0868+	RST	10H	: Evaluate expression
2400	70	<b>08</b> 69	LD	A.L	
2401	E1	0870	POP	HL	
2402	C5	0871	PUSH	BC	
2403	44	0872	LD	B,H	
2404	4D	<b>0</b> 873	LD	CVL	
2405	ED79	<b>0</b> 874	OUT	(C))A	
2407	C1	0875	POP	BC	
2408		<b>0</b> 876	FINISH		
2408	F7	<b>0</b> 877+	RST	30H	; ; or cr. otherwise, WHAT?
		<b>0</b> 878 ;			
		<b>0</b> 879 ;	INPUT	=&( <expr>)</expr>	
		<b>0</b> 830 ;			
2409		<b>0</b> 881 L2409	PARN		
2409	EF	<b>0</b> 882+	RST	28H	:Get value of () or storage adms
240A	€5	<b>08</b> 83	PUSH	BC	
240B	44	0884	LD	В.Н	
240C	4D	<b>0</b> 885	LD	C,L	
240D	ED78	<b>08</b> 86	IN	A, (C)	
240F	6F	<b>08</b> 87	LD	L,A	
2410	2600	<b>0</b> 888	LD	H.0	
2412	C1	0889	POP	BC	
2413	C9	<b>0</b> 890	RET	<b>DC</b>	
2110		0891 ;	INE I		
2414		0892 MU	TSTC	'=',L2424	
2414	CF	<b>0</b> 893+	RST		
2415	3D	0894+	DB	8 '='	• Chan An about
2415	<b>9</b> D	0034+ 0395+			; Char. to check
2417	OU.	<b>0</b> 896	DB	L2424-\$-1	; Jump bias if no match
2417	0.7		EXPR	t Get I	• Fire live A and a constant
	D7	<b>0</b> 897+	RST	10H	: Evaluate expression
2418	7D	<b>089</b> 8	LD	A.L	•
2419	CD852E	<b>089</b> 9	CALL	L2E85	
2410	E7	<b>09</b> 00	FINISH	7011	A A 14 1 14124 W.F.
241C	F7	0901+	RST	30H	; ; or cr. otherwise, WHAT?
9446		0902 ;	TCTO	/=/ 10404	
241D		0903 TV	TSTC	′=′>L2424	

2458 6F

2459 47

**095**9

**0960** 

LD

LD

LJA

B, A

Bally T	iny Basic	8/25/79			
	_				
245A 7		<b>0</b> 961 L245A	LD	(HL),B	
245B 23	3	<b>0</b> 962	INC	HL	
2450 70	C	<b>0</b> 963	LD	A.H	
245D FI		0964	CP	50H	
		0965	JR	NZ. L245A	
		0966	LD	SP,L4FCE	
2464 FI		8967			
			RST	38H	
2465		<b>0</b> 968	D0	0	; Start multiple Subr.
2465 0		<b>0</b> 969+	DB	0	: Subroutine 0
		<b>0</b> 970 ;			
2466		0971	DO O	22+1	
2466 1	7	0972+	DB	22+1	; Subroutine 22+1
2467 Bi		0973	DB	176	; Display height
2468 2		0974	DB	00101100B	Border color 0, Left
2469 0		0975	DB		
2402 0			DD	8	; Normal interrupts
0400		<b>0</b> 976 ;			
246A		0977	DO	20+1	; Kill sound
2468 1°		<b>09</b> 78+	DB	20+1	: Subroutine 20+1
		<b>0</b> 979 ;			
246B		<b>09</b> 80	DO .	122+1	
246B 7	8	0931+	DB	122+1	: Subroutine 122+1
246C 4		0982	DB	47H	; LD (L4E58),47H
	84E	<b>0</b> 983	DW		
2400 3	OTE		D.W	L4E58	; Master sound divider value
0465		0984 ;			
246F		<b>0</b> 985	DO	94+1	
246F 5		<b>0</b> 986+	DB	94+1	; Subroutine 94+1
2470 A	24E	<b>0</b> 987	DW	BKC	: Move 10 butes from
2472 0	agg	<b>098</b> 8	DW	10	; 201DH to 4EA2H
2474 1	D20	<b>09</b> 89	DW	L201D	
		0990 ;			
2476		0991	DO DO	94+1	
2476 5	E	<b>0</b> 992+	DB		* C
					; Subroutine 94+1
		<b>0</b> 993	D₩	L4E66	; Move 7 bates from
	700	0994	DW	7	; 0206H to 4E66H
247B 0	602	<b>0</b> 995	DW	L0206	
		<b>0996</b> ;			
247D		<b>09</b> 97	DO .	124+1	
247D 7	D	<b>0998</b> +	DB	124+1	; Subroutine 124+1
247E A	006	0999	DW	6A0H	; LD (L4E66),06A0H
2480 6	64E	1000	DW	L4E66	Char spacing = 6,
		1001	<b>5</b>		; table base = A0
		1002;			1 capie pase - No
2482		1003	<b>D</b> O -	124+1	
	r.	· ·			
	D 406	1004+	DB	124+1	; Subroutine 124+1
	480	1005	DW	0R004H	; LD (TXTUNF),0A004H
2485 5	24E	1006	DW:	TXTUNE	
		1007.;			
2487		1008	DO	2+1	; End multiple Subr.
2487 0	3	1009+	DB	2+1	; Subroutine 2+1
		1010 ;		4	<del></del>
2488 2	101A0	1011	LD	HL, TXTBGN+1	
	EFF	1012	LD	A, OFFH	
	DE72F	1013	CALL	,	
				L2FE7	
	D3124	1014 L2490	CALL	L2431	; Initialize Interrupts
	D7B2C	1015 ST1	CALL	CRLF	
	12920	1016 L2496	LD	DE L2029	: 'BALLY BASICer'
2499 C	DEA2A	1017	CALL	PRTSTG	

24F8 8C

Bally Tiny Basic 8/25/79 1018; 1019 ; STOP 1020 : 249C **31EF4F** 1021 START LD SP, STACK 249F 21R624 1022 LD HL,ST2+1 24R2 22C34E 1023 LD (CURRNT), HL 24R5 210000 1024 ST2 LD HL.0 2488 22C94E 1025 LD (LOPVAR), HL 24AB 22C54E 1026 LD (STKGOS), HL 24RE **3E3E** 1027 ST3 LD 8.727 24B0 CDE12B 1028 CALL **GETLN** 24B3 **D5** 1029 **PUSH** DE 2484 11D44E 1030 LD DE, BUFFER 24B7 18 LD 1031 A. (DE) 24B8 FESE CP 171 1032 24BR 2001 1033 JR NZ, L24BD 24BC 13 INC 1034 DΕ 24BD CD4F2R 1035 L24BD CALL L2f4F ; Get possible line number 2400 **IGNBLK** 1036 2400 E7 **RST** 20H 1037+ ; Get next non-blank from (DE) 2401 70 1038 LD A.H 24C2 B5 1039 OR L 24C3 C1 POP 1040 BÜ ; BC = end of line 2404 2840 1041 JR Z, EXEC # Direct mode if no line # 24C6 22644E 1042 LD (L4E64), HL 24C9 1B 1043 DEC DΕ ; Put binary line number in 24CR 7C LD 1044 A.H : front of first significant. 24CB 12 LD 1045 (DE), A : character of line in input 24CC 1B DEC 1046 DE ; buffer 24CD 7D 1047 LD A.L 24CE 12 1048 LD (DE) A **C**5 24CF **PUSH** 1049 BC : Line begin address 24D0 D5 PUSH 1050 DΕ ; Line end address 79 24D1 1051 LD A,C 24D2 93 SUB 1052 Ε 24D3 F5 1053 **PUSH** AF # # bytes in line 24D4 CDB029 1054 CALL FNDLN ; Find this line in SAVE area 24D7 D5 **PUSH** 1055 DE ; DE = adrs24D8 2010 1056 JR NZ,ST4 ; Jr if not found; insert 24D8 D5 1057 PUSH DE . : Found, delete it 24DB CDCD29 1058 CALL **FNDNXT** : Find next line 24DE . 1059 POP C1 BC ; Start adrs of line to delete 24DF 28524E 1060 LD HL, (TXTUNF) ; End of all text 24E2 CD812A CALL 1061 L2881 : Move up to delete 24E5 60 LD : 1062 H.B : Save new text end address 24E6 69 1063 LD LJC 24E7 22524E (TXTUNF), HL 1064 LD POP 24EA C1 1065 ST4 BC : Adrs of where to insert. 24EB 2A524E 1066 LD -HL, (TXTUNF) : Text end address 24EE F1 1067 POP AF ; Length of new line **24EF E**5 1068 PUSH-HL : Save text last adrs. CP 24F0 FE03 1069 ; Length = 3, delete only 24F2 2883 JR 1070 Z,START R.L 24F4 85 ADD : Compute new text end 1071 5F E.A 24F5 1072 LD to DE 24F6 3E00 A.0 1073 LD

**ADC** 

A,H

1074

Bally	Tiny Basic	8/25/79			
24F9	57	1075	LD	D,A	
24FA	210CA7	1076	LD	HL, TXTEND	: Last rossible address
24FD	EB	1077	EΧ	DE, HL	
24FE	CD3A29	1078	CALL	COMP	
2501	D2RA29	1079	JP	NC, QSORRY	# SORRY if no room
2504	22524E	1080	LD	(TXTUNF), HL	; Save new text end
2507	D1	1081	POP	DE	; Old text end
2508	CD932A	1082	CALL	L2893	
250B	Di	1083	POP	DE	; New line start
250C	Ei	1084	POP	HL	end
250D	CD812A	1085	CALL	L2881	; Move line to SAVE
2510	189C	1086	JR	ST3	Get next line
		1087 ;	•••	5.0	s dec next Tine
2512		1088 EXEC	IGNBLK		: Direct Execute
	E7	1089+	RST	20H	Get next non-blank from (DE)
2513	D5	1090	PUSH	DE	a dec next non-prank (Low (DE)
2514	FE68	1091	CP	68H	; Is this a word?
2516	3813	1092	JR	CASTUAL	, is one a word:
2518	FE75	1093	CP	75H	; Yes, sure?
251A	300F	1094	JR	NC.STUAL	: No, assume implied LET
2510	07	1095	RLCA	HOUSIVIE	, No. assume Implied FE!
251D	5F	1096	LD	E.A	
251E	1600	1097	LD	D.0	
2520	21761F	1098	LD	HL,L2046-(68H*2	Y Trumm Anh.lm
2523	19	1099	ADD	HL,DE	) lamb capie
2524	5É	1100	LD	E,(HL)	
2525	23	1101	INC	HL	
2526	56	1102	LD	D, (HL)	
2527	EB	1103	EX	DE HL	
2528	Di	1104	POP	DE	
2529	13	1105	INC	DE	
252A	E9	1106	JP	(HL)	. Co to manon montion
	•	1107 ;	V)	VIII.	: Go to proper routine
252B	CDD929	1108 STUAL	CALL	TSTV	* Cot 1001 stored address
252E	3808	1109	JR	C,L2538	: Get VRBL storage address
2530	0000	1110	TSTC	′=′, <b>L25</b> 38	
2530	CF	1111+	RST	8	
2531	3D	1112+	DB	/=/	; Char. to check
2532	<b>0</b> 5	1113+	DB	L2538-\$-1	
2533	C1	1114	POP	BC	; Jump bias if no match
2534	CD4629	1115	CALL	L2946	
2537	00 1023	1116	FINISH	L2.770	
2537	F7	1117+	RST	30H	; ; or cr. otherwise, WHAT?
2538	D1	1118 L2538	POP	DE	) ) or cr. otherwise, what?
2539	216A2B	1119	LD	HL, TAB1-1	
253C	2101.22	1120 L253C	IGNBLK	1167 11631 1	
253C	E7	1121+	RST	20H	: Get next non-blank from (DE)
253D	D5	1122	PUSH	DE	dec next non-blank from (DE)
253E	CDCF2F	1123 L253E	CALL	L2FCF	
2541	13	1124	INC	DE	
2542	23	1125	INC	HL	
2543	BE	1126	CP	(HL)	
2544	28F8	1127	JR	Z/L253E	
2546	3E7F	1128	LD	A,7FH	
2548	18	1129	DEC	DE	
2549	BE	1130	CP	(HL)	
254R	3808	1131	JR	C/L2554	
				· •	

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Bally Tiny Basic
                       8/25/79
2540 23
                   1132 L2540
                                INC
                                        HL
254D BE
                   1133
                                CP
                                        (HL)
254E 30FC
                                        NCJL2540
                   1134
                                JR
2550 23
                   1135
                                INC
                                        HL
2551 D1
                   1136
                                POP
                                        DE
2552 18E8
                   1137
                                JR
                                        L2530
2554 7E
                   1138 L2554
                                LD
                                        A. (HL)
2555 23
                                INC
                   1139
                                        HL
2556 6E
                   1140
                                LD
                                        L, (HL)
2557 E67F
                                AND
                   1141
                                        7FH
2559 67
                   1142
                                LD
                                        H, A
255A F1
                                POP
                   1143
                                        AF
255B E9
                   1144
                                JP
                                        (HL)
                   1145 ;
2550
     210040
                   1146 CLEAR
                                LD
                                        HL, L4000
255F
     01100E
                   1147
                                LD
                                        BC, ØE10H
2562 7E
                   1148 L2562
                                LD
                                        A. (HL)
2563 E655
                   1149
                                AND
                                        55H
2565 77
                                LD
                   1150
                                        (HL), A
2566 23
                   1151
                                INC
                                        HL
2567 ØB
                   1152
                                DEC
                                        BC
2568 78
                   1153
                                LD
                                        A.B
2569 B1
                   1154
                                OR
                                        C
2568 20F6
                   1155
                                JR
                                        NZ , L2562
2560 D5
                   1156
                                PUSH.
                                        DE
256D FF
                   1157
                                RST
                                        38H
256E
                   1158
                                DΩ
                                        94+1
256E
     5F
                                DB
                   1159 +
                                        94+1
                                                        Subroutine 94+1
256F
     884E
                   1160
                                DW
                                        CX
                                                        : Move 6 butes from
2571
     0600
                                DW
                   1161
                                        6
                                                        : 2033H to 4EA8H
2573 2320
                   1162
                                DW
                                        L2023
2575 D1
                   1163
                                POP
                                        DE
2576
                   1164
                                FINISH
                                        30H
2576 F7
                   1165+
                                RST
                                                        : : or cr. otherwise, WHAT?
                   1166 ;
2577
     1100A0
                   1167 RUN
                                LD
                                       DE, TXTBGN
257A 210000
                   1168 RUNNXL LD
                                        HL,0
                                                        : RST30 Jumps here on cr
257D CDB829
                                CALL
                   1169
                                        FNDLNP
                                                        Find next line
2580 DA9C24
                                JP
                   1170
                                        C.START
                                                        ; Passed end; quit
2583 EB
                   1171 RUNTSL EX
                                        DE, HL
2584 22C34E
                                LD
                                        (CURRNT), HL
                   1172
                                                        : Set CURRNT to line address
2587 EB
                   1173
                                EX
                                        DE, HL
2588 13
                   1174
                                INC
                                        DE
                                                        ; Bump past line number
2589 13
                   1175
                                INC
                                        DE
258A CD402E
                   1176 RUNSML CALL
                                       L2E40
                                                        ; Continue Same line execution
258D C31225
                   1177
                                JP
                                        EXEC
                                                        ; RST30 Jps to RUNSML on ;
                   1178;
2590
                                EXPR
                   1179 GOTO
2590 D7
                   1180+
                                RST.
                                        10H
                                                        ; Evaluate expression
2591 D5
                   1131
                                PUSH
                                        ĎΕ
                                                        : Save for error routine
2592 CDB029
                   1182
                                CALL
                                        FNDLN
                                                        : Find target line
2595 C27B2A
                                JP
                   1183
                                        NZ,L287B
                                                        ; No such line
2598 F1
                   1184
                                POP
                                        AF
                                                        : Clear stack
2599
      18E8
                   1185
                                JR
                                        RUNTSL
                   1186 ;
                   1187 ;
                                LIST [(expr1)][,(expr2)]
                   1188 ;
```

Dails	IIIIS DOSIC	Q/ 2.5/ 1 J			
259B	210000	1189 LIST	LD	HL,0	: Preset to list from beginning
259E	2.0000	1190	IGNBLK	11270	1 11 esec co 11st 150m Dealimile
259E	E7	1191+	RST	20H	: Get next non-blank from (DE)
259F	CD6521	1192	CALL	L2165	a dec next non-prank (Acid (DE)
25A2	2805	1193	JR	Z,L25A9	. To id a su su
25A4	FE2C	1194	CP	2)E2UND	; JF if ; or cr
25A6	2801	1195	JR	Z,L25A9	; Jr if only # lines specified
25A3	2001	1196	EXPR	2762307	3 JP II UHIA # IIHES SPECIFIED
25A8	D7	1197+	RST	10H	* Evelvete evenencia
25A9	E5	1198 L25A9	PUSH	HL	; Evaluate expression
25AA	21FFFF	1198 L23H9	LD		; Save line # for start
25AD	211111	1200	TSTC	HL,-1 2CH,L25B1	: Set for max number of lines
25AD	CF	1201+	RST	8	; Comma
25AE	2C	1202+	DB	2CH	• Chan do shoul
25AF	01	1203+	DB	20n L25B1-\$-1	Char. to check
25B0	61	1204	EXPR	F53B1-9-1	; Jump bias if no match
2580 2580	D7	1205+		46U	Get number of lines
25B1	D5	1205 1206 L25B1	RST	10H	: Evaluate expression
25B2	FDE1		PUSH	DE	
25B4	E3	1207	POP EV	IV	
25B5	CDB029	1208	EX	(SP),HL	
25B8	3815	1209	CALL	FNDLN	
25BA	E3	1210 L25B8	JR	C,L250F	
258B	7C	1211	EX	(SP),HL	
25BC	85	1212 1213	LD OR	A, H	
25BD	2810	1213	JR	L	
25BF	2818 28	1215	DEC	Z,L250F	
2500	E3	1216	EX	HL (SP),HL	
2501	CD582B	1217	CALL		
25C4	CDER2R	1218	CALL	L2B58	
2507 2507	CD402E	1219	CALL	PRTSTG	
250A	CDB829	1220	CALL	L2E40 FNDLNP	
25CD	18E9	1221	JR		
25CF	FDE5	1222 L25CF	PUSH	L2588 IY	
25D1	D1	1223	POP	DE	
25D2	D1	1223	FINISH	DE	
25D2	<b>F</b> 7	1225+	RST	30H	* * on on otherwise INGTO
2002	, ,	1226;	K31	Jen	; ; or cr. otherwise, WHAT?
<b>25</b> D3	<b>0E0</b> 8	1227 PRINT	LD	C>8	. Deferilé simbon et acces
25D5	OF OC	1228	TSTC	3BH, PR2	Default number of spaces
25D5	CF	1229+	RST	367, FRZ 8	: Semicolon
25D6	3B	1230+	DB	3BH	e Chair de abasti
<b>25</b> D7	<b>0</b> 5	1231+	DB	PR2-\$-1	; Char. to check ; Jump bias if no match
25D8	CD7B2C	1232	CALL	CRLF	, Jume Dias II no matth
25DB	18AD	1233	JR	RUNSML	
2000	1 OF IL	1234 ;	JK	KONDAL	
25DD		1235 PR2	TETO	דמם מיז	
25DD	CF	1235 FR2 1236+	TSTC RST	CR,PR3 8	
25DE	<b>9</b> D	1237+	DB	CR:	· Chan de abaul
25DF	1B	1238+	DB	ok PR3-\$-1	; Char. to check ; Jump bias if no match
25E0	CD7B2C	1239	CALL	CRLF	A NAME DIAZ II UO WSCCU
25E3	1895	1240	JR	RUNNXL	
ڪ <b>ن</b> ٽين	1020	1240	JK	KONNAL	
25E5		1241 . 1242 PRØ	TSTC	/#/>PR1	
25E5	CF	1243+	RST	# ,FR1 8	
25E6	23	1244+	DB	· /#/	; Char. to check
25E7	0B	1245+	DB	# PR1-\$-1	; than, to check ; Jump bias if no match
	A.D.	447W1	<i>D D</i>	ι IV.1 - Φ=1	. Some DIAS II (IO MACCH

	TITIS DUSIC	0, 20, 13			
25E8		1246	EVDD		
	67		EXPR	4.001	
25E8	D7	1247+	RST	10H	: Evaluate expression
25E9	3EC0	1248	LD	A,0C0H	Limit to 6 bits
25EB	A5	1249	AND	L	
25EC	B4	1250	OR	Н	
25ED	C27A2A	1251	JP	NZ, QHOW	
25F0	4D	1252	LD	C,L	
25F1	1805	1253	JR	L25F8	
201 1	1000	1254 ;	JK.	LZJFO	
0EF7	Checoo				
25F3	CDF82A	1255 PR1	CALL	QTSTG	
25F6	1814	1256	JR	PR8	
		1257 ;			
<b>25</b> F8		1258 L25F8	TSTC	2CH, PR6	
25F8	CF	1259+	RST	8	
25F9	20	1260+	DB	2CH	: Char. to check
25FA	9D	1261+	DB		
231 [1	OU		νb	PR6-\$-1	; Jump bias if no match
AFEB		1262 ;			
25FB		1263 PR3	TSTC	20H/L2603	
25FB	CF	1264+	RST	8	
25FC	2C	1265+	DB	2CH	; Char. to check
25FD	<b>0</b> 5	1266+	DB	L2603-\$-1	; Jump bias if no match
25FE	3E20	1267	LD	A, / /	Journ Dies II Ho Macci
2600		1268	OUTC	***	
2600	DF	1269+		100	. 6.4
2601			RST	18H	; Output Char. in A
2001	18F8	1270	JR	PR3	
		1271 ;			
2603	CD5C29	1272 L2603	CALL	FIN	
2606	18DD	1273	JR	PR0	
		1274 ;			
2608	CD7B2C	1275 PR6	CALL	CRLF	
260B		1276	FINISH		
260B	F7	1277+	RST	30H	* * cm on otherwise INICTO
	• •	1278 ;	KOT	3011	; ; or cr. otherwise, WHAT?
2600			FURE		
	N-3	1279 PR8	EXPR		
260C	D7	1280+	RST	10H	: Evaluate expression
260D	C5	1281	PUSH	BC	
260E	CD1B2B	1282	CALL	L2B1B	3 Print value of expression
2611	C1	1283	POP	BC	
2612	18E4	1284	JR	L25F8	
		1285 :			
2614	CDC12A	1286 GOSUB	CALL	L28C1	; Save current "FOR" params
2617	· <del></del>	1287	EXPR	enter rura	> Dave content for FdFdms
2617	D7	1288+	RST	100	• Englands and the
2618	D5			10H	: Evaluate expression
		1289	PUSH	DE	; Save text pointer
2619	CDB029	1290	CALL	FNDLN	; Find target line
261C	C27B2A	1291	JP	NZ,L2A7B	; Not present; 'HOW?'
261F	2 <del>8</del> C34E	1292	LD	HL, (CURRNT)	: Save everythins
2622	E5	1293	PUSH	HL	
2623	2RC54E	1294	LD	HL, (STKGOS)	
2626	E5	1295	PUSH	HL	
2627	210000	1296			
262A			LD	HL.0	
	22C94E	1297	LD	(LOPUAR), HL	; And load it up
262D	39	1298	ADD	HL, SP	
262E	22C54E	1299	LD	(STKGOS),HL	
2631	C38325	1300	JP	RUNTSL	
		1301 ;			
2634	2AC54E	1302 RETURN	LD	HL, (STKGOS)	; Old stack pointer
	<del></del>				- AND BUGGIN FULLIVE

Bally	Tiny Basic	8/25/79	)	10		That 6024
2637		1303	LD	A,H		
2638		1304	OR	L		
	CA7329	1305	JP	Z,QWHAT	;	RETURN with no GOSUB
263C		1306	LD	SP, HL	;	Restore old SP
263D		1307	POP	HL		
	22C54E	1308	LD	(STKGOS),HL	;	And old STKGOS
2641		1309	POP	HL		
	22C34E	1310	LD	(CURRNT),HL		And old CURRNT
2645	D1	1311	POP	DE		Get old text pointer
2646	CDA52A	1312	CALL	L2AA5	;	Restore old "FOR" params
2649		1313	FINISH			
2649	F7	1314+	RST	30H	į	; or cr. otherwise, WHAT?
	*****	1315 ;				
264A		1316 FOR	CALL	L2AC1		Save old "FOR" params
264D		1317	CALL	SETVAL	;	Set control URBL
2650		1318	DEC	HL		
2651	22C94E	1319		(LOPVAR),HL		
2654		1320		77H, L2658	;	"TO" (don't need one)
	CF	1321+	RST	8		
2655		1322+	DB	77H	;	Char. to check
2656	01	1323+	DB	L2658-\$-1		; Jump bias if no match
2657		1324	EXPR			
2657		1325+	RST	10H		Evaluate expression
	22CD4E	1326 L2658		(LOPLMT), HL		Save limit
265B	210100	1327	LD	HL / 1		Preset step of 1
265E		1328	TSTC	75H, FR4	;	"STEP" (don't need one)
265E		1329+	RST	8		
265F		1330+	DB	75H	;	Char. to check
2660	01	1331+	DB	FR4-\$-1	;	Jump bias if no match
2661		1332	EXPR			
2661		1333+	RST	10H		Evaluate expression
	22CB4E	1334 FR4		(LOPINC), HL	;	Save increment
2665		1335	LD	HL (CURRNT)		
2668	22CF4E	1336		(LOPLN), HL	;	Save current line number
266B		1337	EX	DE, HL		
2660	22D14E	1338	LD	(LOPPT),HL		And current text rointer
266F	010A00	1339	LD	BC, 10	;	Dis into stack to find
2672	2AC94E	1340	LD	HL, (LOPVAR)	;	LOPVAR from last
2675 2676	EB	1341	EX	DE, HL		
2676 2677	60	1342	LD	H/B		
2677 2678	68 39	1343	LD	L,B	;	HL = 0
2679		1344	ADD	HL,SP		
267B	1801 09	1345 1346 FB3	JR opp	L2670	_	
267C	7E	1346 FR7	ADD	HL/BC		Each level is 10 deeper
267D	23	1347 L2670 1348	LD	A,(HL)	;	Get old LOPVAR
267E	B6	1349	INC	HL .		
267F	2817	1350	OR TO	(HL)	_	* '0
2681	7E	1351	JR	Z,L2698	;	Je if no more
2682	2B	1351 1352	LD DEC	A.(HL)		
2683	BA	1353	DEC	HL.	_	Company at the Company
2684	20F5	1353 1354	CP TD	D N3 CD3	;	Same as this one?
2 <b>6</b> 86	20F3 7E	135 <del>4</del> 1355	JR	NZ,FR7	_	044 b. 10
2687	AB	1356	LD	A,(HL)	j	Other half also?
2688	20F1	1356	XOR	E N7 E67		
268A	EB	1357 1358	JR Ev	NZ,FR7	_	Han Armal
268B	67	1359	EX	DE, HL	;	Yes, found one
2000	01	1007	LD	H, A		

Bally	Time Basic	8/25/79		-	Trial dollar
<b>26</b> 80	6F	1360	LD	L/A	
268D	39	1361	ADD		· Turk An warra CD
268E	44	1362	LD		; Try to move SP
				B,H	
268F	4D	1363	LD	C,L	
2690	210A00	1364	LD	HL,10	
	19	1365	ADD	HL, DE	
2694	CD932A	1366			; Purse 10 words
2697	F9	1367			; In the stack
2698	2AD14E	1368 L2698		HL,(LOPPT)	; Job done
269B	EB	1369	EX	DE, HL	
269C		1370	FINISH		
269C	F7	1371+	RST	30H	;; or cr. otherwise, WHAT?
		1372 :			
269D	CDD929	1373 NEXT			: Get adrs of URBL
26A0	DA7329	1374	JP	C,QWHAT	
2683	22074E	1375	LD	(STKINP),HL	: Save its address
26A6	D5	1376 L2686	PUSH	DE	: Save text pointer
26A7	EB	1377	EX	DE, HL	
26A8	28C94E	1378	LD	HL, (LOPVAR)	; Get URBL in FOR
26AB	70	1379	LD	A,H	
26AC	B5	1380	OR	L	
26AD	C87429	1381	JP	Z,AWHAT	; Never had one
2680	CD3829	1382	CALL		: Check them for match
26B3	2809	1383	JR	Z,L26BE	; Jr if agree
2685	D1	1384	POP	DE	; No agree, Purse current
26B6	CDA52A	1385		L2885	; loop and pop one level
2689	2AC74E	1386	LD	HL, (STKINP)	
26BC	18E8	1387	JR	L2686	; Try asain
26BE	EB	1388 L26BE	EX	DE, HL	; ;Get value of VRBL to DE
26BF	CDCF2F	1389	CALL	L2FCF	) Just value of WAR to DE
2602	6F	1390	LD	LA	
2603	13	1391	INC	DE	
2604	CDCF2F	1392		L2FCF	
2607	67	1393	LD	H, A	
2608	EB	1394	EX	DE, HL	
2609	2RCB4E	1395	LD	HL, (LOPING)	; Get increment
26CC	E5	1396	PUSH	HL	3 Get The ement
26CD	7C	1397	LD	₽'H	
26CE	AA	1398	XOR	D	
26CF	7A	1399	LD	A,D	
26DØ	19	1400	ADD	HL, DE	; Add one ster
26D1	FAD826	1401	JP	M,L26D8	I had one ster
26D4	AC	1402	XOR	H	
26D5	FAFF26	1403	JP	M,L26FF	
26D8	EB	1404 L26D8	EX	DE, HL	
26D9	28C94E	1405	LD	HL, (LOPUAR)	
26DC	7B	1406	LD	A.E	
26DD	CDE72F	1407	CALL	L2FE7	
26E0	23	1408	INC	HL	
26E1	23 78	1403	LD		
26E2				A.D	
	CDE72F	1410	CALL	L2FE7	
26E5	2ACD4E	1411	LD	HL, (LOPLMT)	
26E8	F1	1412	POP	AF	
26E9	87 E2EE24	1413	OR TO	A Locate	. 51 > 0
26EA	F2EE26	1414	JP	P.L26EE	; Ster > 0
26ED	EB CD7000	1415	EX	DE, HL	;Ster < 0
26EE	CD3029	1416 L26EE	CALL	CKHLDE	: Compare with limit

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26F1	D1	1417	POP	DE	: Restore text pointer
26F2	380D	1418	JR	C/NX2	
26F4	2ACF4E	1419			: Outside limit
26F7			LD	HL, (LOPLN)	; Within limit
	22C34E	1420	LD	(CURRNT), HL	; Put LOPLN in CURRNT
26FA	2RD14E	1421	LD	HL, (LOPPT)	; and LOPPT
26FD	EB	1422	EX	DE, HL	
26FE		1423	FINISH		
26FE	F7	1424+	<b>R</b> ST	30H	; ; or cr. otherwise, WHAT?
		1425 ;			
26FF	Ei	1426 L26FF	POP	HL	
2700	D1	1427	POP	DE	
2701	CDA52A	1428 NX2	CALL	L2885	
2704		1429	FINISH		
2704	F7	1430+	RST	30H	; ; or cr. otherwise, WHAT?
		1431 ;			The second section with the second section sec
		1432 ;		Comment line	
		1433 ;	_		
2705	210000	1434 L2705	LD	HL.0	; Make it false
2708	1801	1435	JR	L270B	) Hane It (alse
2,00	1001	1436 ;	OK.	E210D	
270A		1437 IF	EXPR		
270A	D7	1438+	RST	10H	• E
270B	7C	1439 L270B	LD	A,H	: Evaluate expression
270C	85				
		1440	OR Tr	L	
270D	C28A25	1441	JP ~~! !	NZ, RUNSML	; Jr if true
2710	CDCF29	1442	CALL	FNDSKP	; Otherwise skip rest of line
2713	D28325	1443	JP	NC, RUNTSL	; And run next one
2716	C39C24	1444	JP	START	
		1445 ;			
2719	28C74E	1446 LPERR	LD	HL/(STKINP)	: Restore old SP
2710	F9	1447	LD	SP, HL	
271D	E1	1448	POP	HL	
271E	22C34E	1449	LD	(CURRNT), HL	: And old CURRNT
2721	D1	1450	POP	DE	; And old text pointer
2722	D1	1451	POP	DE	
		1452 ;			
2723	D5	1453 INPUT	PUSH	DE	; Save in case of error
		1454	CALL	QTSTG	Check for string
2727	1823	1455	JR	IP2	3 No
2729	CDD929	1456	CALL	TSTU	; Yes, followed by a URBL?
2720	3817	1457	JR	C, IP4	; No
	CD5C27	1458 L272E	CALL	GETLNA	; Yes, set input
2731	11D44E	1459	LD	DE, BUFFER	, res, sec medo
2734	IIVTTL	1460	EXPR	DE DOFFER	
	D7	1461+		1011	A Pro-Toral of the
2735			RST	10H	; Evaluate expression
	D1	1462	POP	DE	
2736	EB	1463	EX	DE, HL	
2737	7B	1464	LD	A,E	: Save value in URBL
2738	CDE72F	1465	CALL	L2FE7	
273B	23	1466	INC	HL	
273C	7A	1467	LD	a.p	
273D	CDE72F	1468	CALL	L2FE7	
2740	E1	1469	POP	HL	; Get old CURRNT
2741	22C34E	1470	LD	(CURRNT), HL	
2744	D1	1471	POP	DE	; Old text pointer
2745	F1	1472 IP4	POP	AF	: Purse Junk
2746		1473	TSTC	2CH, IP5	; Comma

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2747	CF	1474+	DCT	^	
2746			RST	8	
2747	20	1475+	DB	2CH	; Char. to check
2748	02	1476+	DB	IP5-\$-1	; Jump bias if no match
2749	18D8	1477	JR	INPUT	; More items
274B		1478 IP5	FINISH		
274B	F7	1479+	RST	30H	; ; or cr. otherwise, WHAT?
		1480 ;			
274C	D5	1481 IP2	PUSH	DE	; Save for PRTSTG
274D	CDD929	1482	CALL	TSTV	; Must be a VRBL
2750	<b>30</b> 03	1483	JR	NC/L2755	; OK
2752	C37329	1484	JP	QWHAT	; /WHAT?/
2755	43	1485 L2755	LD	B,E	
2756	D1	1486	POP	DE	
2757	CD112B	1487	CALL	L2B11	
275A	18D2	1488	JR	L272E	
		1489 ;			
2750	C1	1490 GETLNA	POP	BC	
275D	D5	1491	PUSH	DE	; Save in case of error
275E	EB	1492	EX	DE, HL	3 Dave III case of effor
275F	28034E	1493	LD	HL (CURRNT)	
2762	E5	1494	PUSH	HL	: Save CURRNT
2763	212327	1495	LD	HL, INPUT	> Save Cukkii
2766	22C34E	1496	LD	(CURRNT), HL	
2769	210000	1497	LD	HL,0	
276C	39	1498	ADD	HL,SP	
276D	22074E	1499			1 Cours CD oller
2770	D5	1500	LD	(STKINP),HL	; Save SP also
2771	C5	1501	PUSH PUSH	DE BC	
2772	3E20	1501 1502			* F 64 10050
2774	C3E12B		LD	A. 20H	; Space after VRBL
2114	CSETZB	1503	JP	GETLN	
2777	10	1504 ;	1.6	6 /5E5	
2777	18	1505 DEFLT	LD	A, (DE)	Find of list 1
2778	FEØD	1506	CP	CR	: Empty line is OK
277A	28CF	1507	JR	Z, IP5	
2770	C37329	1508	JP	QWHAT	; Else 'WHAT?'
A77E	00.000	1509 ;			
	CDC727	1510 EXXPR	CALL	EXPR2	: RST10 process
2782	E5	1511	PUSH	HL	; Save <expr2> value</expr2>
2783	21CA2B	1512	LD	HL, TABS-1	
2786	C33C25	1513	JP	L2530	
		1514;			
2789	CDB227	1515 XP11	CALL	XP18	; RELOP >=
2780	D8	1516	RET	C	; No, return HL=0
278D	6F	1517	LD	L,A	; Yes, return HL=1
278E	C9	1518	RET		
		1519 ;			
278F	CDB227	1520 XP12	CALL	XP18	; RELOP #
2792	C8	1521	RET	Z	; False
2793	6F	1522	LD	L,A	; True
2794	C9	1523	RET		
		1524 ;			
2795	CDB227	1525 XP13	CALL	XP18	; RELOP >
2798	C8	1526	RET	Ž	; True
2799	D8	1527	RET	ē	; Also true
279A	6F	1528	LD	L,A	; False
279B	C9	1529	RET	··	
		1530 ;			
		<del>-</del>			

Bally	Tiny Basic	8/25/79	1		
2790 279F 2780 2781	CDB227 6F C8 D8	1531 XP14 1532 1533 1534	CALL LD RET RET	XP18 L,A Z C	<pre>; RELOP &lt;= ; Set HL = 1 ; True, return</pre>
27A2 27A3	6C C9	1535 1536 1537 ;	LD RET	Ľ,H	; Else HL = 0
27R4 27R7 27R8 27R9	CDB227 C0 6F C9	1538 XP15 1539 1540 1541 1542 ;	CALL RET LD RET	XP18 NZ L,A	<pre>; RELOP = ; False ; True</pre>
2788 278D 278E 278F	CDB227 DØ 6F C9	1543 XP16 1544 1545 1546 1547 ;	CALL RET LD RET	XP18 NC L,A	; RELOP < ; False ; True
27B0 27B1	E1 C9	1548 XP17 1549 1550 ;	POP RET	HL	<pre>; Not a relop - end list 3 ; Return HL = <exrr2></exrr2></pre>
2782 2783 2784 2785 2786 2787	79 E1 C1 E5 C5 4F	1551 XP18 1552 1553 1554 1555 1556	LD POP POP PUSH PUSH LD	A.C HL BC HL BC C.A	: Subroutine for all RELOPs : Reverse top of stack
2788 2788 2780 2780 2700 2700 2701 2704 2706	CDC727 EB E3 CD3029 D1 210000 3E01 C9	1557 1558 1559 1560 1561 1562 1563 1564 1565 ;	CALL EX EX CALL POP LD LD RET	EXPR2 DE, HL (SP), HL CKHLDE DE HL, 0 A, 1	; Get 2nd <expr2> ; To DE ; 1st <expr2> in HL ; Compare ; Restore text pointer</expr2></expr2>
27C7 27C7 27C8 27C9 27CA 27CD 27CF 27D0 27D1 27D2 27D5 27D5 27D6 27D7 27D8 27D9 27DC 27DD 27DE 27DF 27DF	CF 2D 05 210000 1821 CF 2B 00 CDF927 CF 2B 15 E5 CDF927 EB E3 7C 8A 7A	1566 EXPR2 1567+ 1568+ 1569+ 1570 1571 1572 XP21 1573+ 1574+ 1575+ 1576 XP22 1577 XP23 1578+ 1579+ 1580+ 1581 1582 1583 XP24 1584 1585 1586 1586	TSTC RST DB DB LD JR TSTC RST DB CALL TSTC RST DB DB CALL TSTC RST DB DB CALL TSTC RST DB DB CALL TSTC RST DB DB CALL TSTC RST DB CALL TSTC RST DB CALL TSTC RST DB DB CALL TSTC RST DB DB CALL TSTC RST DB DB CALL TSTC RST DB DB DB CALL TSTC RST DB DB DB DB DB DB DB DB DB DB DB DB DB	/-/,XP21 8 /-/ XP21-\$-1 HL,0 XP26 /+/,XP22 8 /+/ XP22-\$-1 EXPR3 /+/,XP25 8 /+/ XP25-\$-1 HL EXPR3 DE,HL (SP),HL A,H D A,D	<pre>; Char. to check</pre>

P911A	IIUA B921C	8/25//9	•		
27E1	19	1588	00/0	LR INT	
			RDD non	HL, DE	
	D1	1589	POP	DE	Restore text pointer
	FAD527	1590	JP	M, XP23	JP if signs different
	AC:	1591	XOR	H	; Signs alike
	F20527	1592	JP	P,XP23	; So is result
27ER	C37A2A	1593	JP	<b>OHOM</b>	; Else we had overflow
		1594 ;			
27ED		1595 XP25	TSTC	'-',XP42	; Subtract?
	CF	1596+	RST	8	
27EE	2D	1597+	DB	1_1	: Char. to check
27EF	A0	1598+	DB	XP42-\$-1	; Jump bias if no match
27F0	E5	1599 XP26	PUSH	HL	; Yes, save 1st (expr3)
27F1	CDF927	1600	CALL	EXPR3	: Get 2nd <expr3></expr3>
27F4	CD1B29	1601	CALL	CHGSGN	; Nesate
27F7	18E3	1602	JR	XP24	; And add
		1603 ;		/# <b>_</b> /	) III/O 400
27F9	CD5E28	1604 EXPR3	CALL	EXPR4	; Get first <expr4></expr4>
27FC	CDOLZO	1605 XP31	TSTC	62H, XP34	
27FC	CF	1606+			; multiply (x)
27FD			RST	8	. 61
	62	1607+	DB	62H	: Char. to check
27FE	29	1603+	DB	XP34-\$-1	; Jump bias if no match
27FF	E5	1609	PUSH	HL	; Yes, save 1st <expr4></expr4>
2800	CD5E28	1610	CALL	EXPR4	<pre>; Get 2nd <expr4></expr4></pre>
2803	<b>0</b> 600	1611	LD	B.0	: Clear for sign
2805	CD1829	1612	CALL	CHKSGN	
2808	E3	1613	EX	(SP),HL	: 1st on stack
2809	CD1829	1614	CALL	CHKSGN	
<b>2</b> 800	EB	1615	EΧ	DE, HL	; 2nd in DE
280D	E3	1616	EX	(SP),HL	; Get back 1st
280E	7C	1617	LD	ብ <sub>ን</sub> ዘ	
280F	B7	1618	OR	A	
2810	2806	1619	JR	Z,XP32	; Je if HL <255
2812	7 <del>8</del>	1620	LD	A,D	
2813	B2	1621	OR	D	
2814	EB	1622	EΧ	DE, HL	
2815	C27B2A	1623	JP	NZ,L2A7B	: JF if DE >255 (will overflow)
2818	7D	1624 XP32	LD	A,L	
2819	210000	1625	LD	HL,0	: Clear result
281C		1626	OR	A	7 0100 1 05010
281D	2832	1627	JR	Z,XP35	; Done
		1628 ;		27711 00	) Done
281F	19	1629 XP33	ADD	HL, DE	
2820	DA7B2A	1630	JP	C,L2A7B	; Overflow
2823	3D	1631	DEC	A	3 OVER 1 100
2824	20F9	1632	JR		f. Candidates and 14 (= 2).
	1829			NZ. XP33	Continue multiply
2020	1027	1633	JR	XP35	; Finished
2020		1634 ;	T#T#	2711 1m.ce	<b>-</b>
2828	<b>~</b> =	1635 XP34	TSTC	63H, XP42	; Divide?
	CF	1636+	RST	8	
2829	63	1637+	DB	63H	; Char. to check
282A	65	1638+	DB	XP42-\$-1	Jump bias if no match
282B	E5	1639	PUSH	HL	; Yes, save first (expr4)
282C	CD5E28	1640	CALL	EXPR4	
282F	0600	1641	LD	B.0	: Clear for sign
2831	CD1829	1642	CALL	CHKSGN	Check sign of second
	E3	1643	EX	(SP),HL	
2835	CD1829	1644	CALL	CHKSGN	: Check sign of first

	MCO CDOS 280 Tiny Basic	ASSEMBLER ver 8/25/79		. 15	PRGE 0030
2838	EB	1645	EΧ	DE, HL	
2839	E3	1646	EX	(SP),HL	
283A	EB	1647	EX	DE, HL	
2838	78	1648	LD	A,D	Divide by 0?
2830	<b>B</b> 3	1649	OR	E	Divide by 0:
283D	CA7B2A	1650	JP	Z,L2878	; Yes, 'HOW?'
2840	C5	1651	PUSH	BC	; Save sign
2841	CD0329	1652	CALL	DIVIDE	; Do divide
2844	D1	1653	POP	DE	
2845	C5	1654	PUSH	BC	
2846	CB7A	1655	BIT	7.D	
2848	C41B29	<b>165</b> 6	CALL	NZ, CHGSGN	: Change sign if necessary
284B	22AE4E	1657	LD	(RM),HL	; Update RM
284E	E1	1658	POP	HL	
284F	42	1659	LD	B,D	
2850	4B	1660	LD	C/E	
2851	D1	1661 XP35	POP	DE	
2852	7C	1662	LD	A, H	; HL must be +
2853	B7	1663	OR	A	
2854	FA7A2A	1664	JP	M, QHOW	; Else overflow
2857	78	1665	LD	A,B	
2858	B7	1666	OR	A	
2859	FC1B29	1667	CALL	M, CHGSGN	Change sign if necessary
2850	189E	<b>166</b> 8	JR	XP31	
		1669 ;			
285E	21A12B	1670 EXPR4	LD	HL,TAB4-1	<pre>: Find function</pre>
2861	C33C25	1671	JP	<b>L25</b> 30	
	*****	1672 ;			
2864	CDD929	1673 XP40	CALL	TSTU	: Is it a variable? End list 2
2867	380E	1674	JR	CJXP41	; No
2869	EB	1675	EX	DE, HL	; Yes
286A	CDCF2F	1676	CALL	L2FCF	
286D	F5	1677	PUSH	AF	
286E	13	1678	INC	DE	
286F	CDCF2F	1679	CALL	L2FCF	
2872 2873	EB 47	1680	EX	DE, HL	<b>-</b>
2874	67 F1	1681	LD	H,R	; Get URBL value to HL
2875	6F	1682	POP	AF	
2876	C9	1683 1684	LD	L/A	
20,0	0.7	1685 ;	RET		
2877	CD4F2R	1686 XP41	CALL	L2A4F	* 7 = 44 = m.mb
287A	78	1687	LD	6,B	: Is it a number
287B	B7	1683	OR	A .	; # of digits
2870	CØ	1689	RET	NZ	
287D		1690	TSTC	/"/ PAREN	: Get one byte ASCII input
287D	CF	1691+	RST	8	adec one bace upoli illedic
287E	22	1692+	DB	/#/	: Char. to check
287F	<b>0</b> 9	1693+	DB	PAREN-\$-1	Jump bias if no match
2880	CDCF2F	1694	CALL	L2FCF	A Amme Dias II IN NATCH
2883	6F	1695	LD	LA	
2884	13	1696	INC	DE	
2885		1697	TSTC	/"/>XP43	
2885	CF	1698+	RST	8	
2886	22	1699+	DB	/11/	: Char. to check
2887	09	1700+	DB	XP43-\$-1	Jump bias if no match
2888	C9	1701	RET	·	- comm blas II no macch

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		4555			
		1702 ;	BCT00		
		1703 ;	RST28		
2000		1704 ;	TOTO	/// 185.47	
2889 2889	CF	1705 PAREN	TSTC	′(′\XP43	; No disit, must be (expr)
288A	28	1706+ 1707+	RST	8 '('	• Chan As about
288B	26 <b>0</b> 5	1708+	DB		Char. to check
288C	63		DB	XP43-\$-1	; Jump bias if no match
288C	D7	1709	EXPR	4.00	
288D	Di .	1710+	RST	10H	: Evaluate expression
288D	CC	1711	TSTC	1)1/XP43	
	CF 20	1712+	RST	8	- 64
288E	29	1713+	DB	/)/ UD47 + 4	; Char. to check
288F	01 66	1714+	DB	XP43-\$-1	; Jump bias if no match
2890	C9	1715 XP42	RET		
0001	677766	1716 :	75	A. II	
2891	C37329	1717 XP43	JP	QWHAT	
0004		1718 ;	BABIL		
2894		1719 RND	PARN	***	
2894	EF	1720+	RST	28H	:Get value of () or storage adms
2895	7C	1721	LD	ë∙H	: Expression must be +
2896	B7	1722	OR	A	
2897	FA7A2A	1723	JP	M. QHOW	; Bad if -
289A	<b>B</b> 5	1724	OR	L	
289B	CA7A2A	1725	JP	Z,QHOW	; or if 0
289E	D5	1726	PUSH	DE	
289F	EB	1727	EX	DE, HL	
28A0	AF	1728	XOR	A	
28A1	FF	1729	RST	38H	
<b>2</b> 882		1730	DO .	118	: Get Random Number
28A2	76	1731+	DB	118	; Subroutine 118
28A3	6F	1732	LD	LiA	
28A4	AF	1733	XOR	A	
28A5	FF	1734	RST	38H	
28A6		1735	DO O	118	: Get Random Number
28A6	76	1736+	DB	118	; Subroutine 118
28A7	67	1737	LD	H.A	
<b>28</b> 88	C5	1738	PUSH	BC	
28A9	CD0329	1739	CALL	DIVIDE	<pre># RND(n)=MOD(m,n)+1</pre>
28AC	Ci	1740	POP	BC	
28AD	Di	1741	POP	DE	
28AE	23	1742	INC	HL	
28AF	09	1743	RET		
		1744 ;			
28B0		1745 ABS	PARN		
28BØ	EF	1746+	RST	28H	:Get value of () or storage adms
28B1	1B	1747	DEC	DE	vaco value of the sociale aut s
2882	CD1829	1748	CALL	CHKSGN	: Check sign
<b>28B</b> 5	13	1749	INC	DE	a witch sauri
<b>28</b> B6	C9	1750	RET	72	
		1751 ;			
2887	28524E	1752 SZ	LD	HL, (TXTUNF)	
28BA	D5	1753	PUSH	DE	
28BB	EB	1754	EX	DE, HL	
28BC	210CA7	1755	LD	HL, TXTEND	
28BF	A7	1756	AND	A	
28C0	ED52	1757	SBC	HL, DE	
28C2	D1	1758	POP	DE	
2002	v.1	1130	FUF	VE	

20113	illia Ddatc	67 237 1 3	•		
<b>28</b> C3	C9	1759 1760 ;	RET		
2804	3E1B	1761 KN	LD	A, 1BH	
2806	CDF628	1762	CALL	L28F6	
2809	2F	1763	CPL	LZOFG	
				en e	
28CA	D680	1764	SUB	80H	
28CC	6F	1765	LD	L.A	
28CD	2600	1766 L28CD	LD	H,0	
28CF	7D	1767	LD	A.L	
28D0	<del>8</del> 7	1768	AND	A	
28D1	FØ	1769	RET	P	
28D2	25	1770	DEC	H	
28D3	C9	1771	RET	••	
2000	0,	1772 ;	1761		
2804	CDF428	1773 TR	COLL	1.0004	
			CALL	L28F4	
2807	E610	1774	AND	10H	
28D9	C8	1775	RET	Z	
28DA	2C	1776	INC	L	
28DB	C9	1777	RET		
		1778 ;			
<b>28</b> DC	CDF428	1779 JX	CALL	L28F4	
28DF	0F	1780	RRCA		
28E0	0F	1781	RRCA		
28E 1	0F	1782	RRCA		
28E2	380E	1783	JR	C,L28F2	
28E4	0F	1784	RRCA	0/22012	
28E5	3807	1785	JR	C,L28EE	
28E7	C9	1786	RET	CILZOEE	
ZOLI	6.5		KE I		
OOFO	005.400	1787 ;	001	LASEA	
28E8	CDF428	1788 JY	CALL	L28F4	
28EB	ØF	1789	RRCA		
28EC	3002	1790	JR	NC,L28F0	
28EE	23	1791 L28EE	INC	HL	
28EF	C9	1792	RET		
28F0	0F	1793 L28F0	RRCA		
28F1	DØ	1794	RET	NC	
28F2	2B	1795 L28F2	DEC	HL	
28F3	C9	1796	RET		
		1797 ;			
28F4	3E0F	1798 L28F4	LD	A, OFH	
28F6	C5	1799 L28F6	PUSH	BC	
28F7					
	F5	1800	PUSH	AF	
28F8		1801	PARN	680	
28F8	EF	1802+	RST	28H	<pre>#Get value of () or storage adms</pre>
28F9	F1	1803	POP	AF	
28FA	85	1804	ADD	A,L	
28FB	4F	1805	LD	C/A	
<b>28</b> FC	ED78	1806	IŅ	A, (C)	
28FE	Ci	1807	POP	BC	
28FF	210000	1808	LD	HL,0	
2902	C9	1809	RET		
		1810 ;	<del>-</del>		
2903	E5	1811 DIVIDE	PUSH	HL	; Divide HL by DE
2904	6C	1812	LD	LiH	A STATE HE DO NO
2905	2600	1813	LD	H,0	
2907	CD0E29	1814	CALL	DU1	
290A	41				t Community to B
4.70N	71	1815	LD	B,C	; Save result in B

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290B	7D	1816	LD	A,L	
290C	E1	1817	POP	HL	
290D	67	1818	LD	H, A	
290E	0EFF	1819 DV1	LD	C,-1	
2910	<b>0</b> C	1820 DV2	INC	C	
2911	A7	1821	AND	Ř	
2912	ED52	1822	SBC	HL, DE	
2914	30FA	1823	JR	NC, DU2	
2916	19	1824	ADD	HL, DE	
2917	C9	1825	RET		
		1826 ;			
2918	7C	1827 CHKSGN	LD	A,H	: Check sign of HL
2919	B7	1828	OR	A	y onech sign of the
291R	FØ	1829	RET	P	: Leave if +
		1830 ;		•	* Market 11 .
291B	7C	1831 CHGSGN	LD	A.H	; Change sign of HL
291C	B5	1832	OR	L	y ordinae stan of the
291D	C8	1833	RET	Ž	; +0 stays the same
291E	7C	1834	LD	Ã,H	: Change sign
291F	F5	1835	PUSH	AF	er to the feet to the set t
2920	2F	1836	CPL	• •	
2921	67	1837	LD	H, A	
2922	7D	1838	LD	A,L	
2923	2F	1839	CPL		
2924	6F	1840	LD	LA	
2925	23	1841	INC	HL	
2926	F1	1842	POP	AF	
2927	AC	1843	XOR	Н	
2928	F27828	1844	JP	P,QHOW	
292B	78	1845	LD	A,B	; Also flip sign of B
<b>29</b> 20	EE80	1846	XOR	80H	
292E	47	1847	LD	B,A	
292F	C9	1848	RET		
		1849 ;			
2930	7C	1850 CKHLDE	LD	A,H	
2931	AA	1851	XOR	D	
2932	F23629	1852	JP	PyCK1	; Jr if same sign
2935	EB	1853	EX	DE, HL	; Exchange
2936	CD3A29	1854 CK1	CALL	COMP	; Compare
2939	C9	1855 1856 ;	RET		
293A	70	1857 COMP	LD	A, H	; Compare HL and DE
2938	BA	1858	CP	D	; Z if HL = DE
2930	C0	1859	RET	NZ	C if HL < DE
293D	7D	1860	LD.	A,L	YOU THE VIDE
293E	BB	1861	CP	E	
293F	C9	1862 1863 ;	RET	_	
2940	CDFB21	1864 SETUAL	CALL	L21FB	; Check for VRBL
2943		1865	TSTC	'=',QWHAT	A CHECK LOD AKEE
2943	CF	1866+	RST	e	
2944	3D	1867+	DB	/=/	; Char. to check
2045	00	4040			P STIGHT OF CHECK

2945 2D

2946 E5

2947 D7

2948 44

2947

1868+

1870

1871+

1872

1869 L2946

DB

PUSH

**EXPR** 

**RST** 

LD

QWHAT-\$-1

10H

B,H

; Jump bias if no match

: Evaluate expression

CROMEMCO CDOS Z80 ASSEMBLER version 02.15 Bally Tiny Basic 8/25/79					PAGE 0034		
2949	4D	1873	LD	C'L	; Value now in BC		
294A	E1	1874	POP	HL	; Get address		
294B	F5	1875	PUSH	AF			
94C	79	1876	LD	A,C			
94D	CDE72F	1877	CALL	L2FE7	; Place into URBL		
950	23	1878	INC	HL.	7 Tace 1100 VADE		
951	78	1879	LD	A,B			
952	CDE72F	1880	CALL	L2FE7			
955	F1	1881	POP	AF			
956	C9	1882	RET				
		1883 ;	*****				
2957	CD5C29	1884 L2957	CALL	FIN	; RST30 after POP AF		
295A	1817	1885	JR	QWHAT	1 K2130 at Cer FOF HE		
295C		1886 FIN	TSTC	3BH, FI1	; Semicolon		
295C	CF	1887+	RST	8	3 Deliticolori		
:95D	3B	1888+	DB.	3BH	: Char. to check		
295E	04	1889+	DB	FI1-\$-1	Jump bias if no match		
95F	F1	1890	POP	AF	> numb pigs it the Warch		
2960	C38A25	1891	JP	RUNSML			
2963		1892 FI1	TSTC	CR,FI2			
963	CF	1893+	RST	8			
964	<b>0</b> D	1894+	DB	CR	; Char. to check		
2965	66	1895+	DB	FI2-\$-1	Jump bias if no match		
966	F1	1896	POP	RF	3 20mm DIAS II IIO MACCI		
967	C37A25	1897	JP	RUNNXL			
		1898 ;	•	NOTHINE			
296A	CDCF2F	1899 L296A	CALL	L2F0F	; RST"0		
96D	FE20	1900	CP	20H	FRUIT		
96F	CØ	1901	RET	NZ			
970	13	1902	INC	DE			
971	18F7	1903	JR	L2968			
		1904 ;					
973	D5	1905 QWHAT	PUSH	DE			
974	113520	1906 AWHAT	LD	DE,L2035			
977	CD7B2C	1907 ERROR	CALL	CRLF			
97R	CDEA2A	1908	CALL	PRTSTG			
97D	28C34E	1909	LD	HL (CURRNT)	: Current line pointer		
2980	<b>E</b> 5	1910	PUSH	HL	; Save it		
2981	EB	1911	EX	DE, HL			
2002	CNCEOF	1010	001:	LOFOE			

**29**82

2985

2986

2987

298A

298B

**298**C

298D

2990

2991

2994

2995

2996

2999

2990

299D

299E

29A1

CDCF2F

CDCF2F

CR9624

CDCF2F

FR1927

CD582B

CD112B

3E3F

67

13

**B4** 

EB

D1

EB

EB

**B**7

Ci

41

1912

1913

1914

1915

1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

1926

1927

1928

1929

CALL

LD

OR

EX

POP

JP

EΧ

ΕX

OR

JP

CALL

POP

LD

LD

CALL

CALL

INC

CALL

L2FCF

L2FCF

DE, HL

DE, HL

L2FCF

DE, HL

L2B58

BC

B,C

L2B11

A. 121

M. LPERR

Z,L2496

H.A

DE

Н

DΕ

; Get character in text

; Set DE to line #

; Get first digit

; If 0, just restart

; If nesative, redo input

Bally	Tiny Basic	8/25/79	1		
2007		1070	OUTO		
29A3	<b>6</b> E	1930	OUTC	4.501	
2983	DF	1931+	RST	18H	; Output Char. in A
29R4	CDEA2A	1932	CALL	PRTSTG	
29A7	C39624	1933	JP	L2496	
		1934 ;			
29AA	D5	1935 QSORRY	PUSH	DE	
29AB	114020	1936 ASORRY	LD	DE,L2040	
29AE	1807	1937	JR	ERROR	
		1938 ;			
29B0	<b>7</b> C	1939 FNDLN	LD	A'H	: Check sign of HL
29B1	B7	1940	OR	A	
29B2	FA7A2A	1941	JP	M, QHOW	: Cannot be -
29B5	1100A0	<b>19</b> 42	LD	DE, TXTBGN	
<b>29</b> 88	13	1943 FNDLNP	INC	DE	
29B9	CDCF2F	1944	CALL	L2FCF	
29BC	4F	1945	LD	CJA	
29BD	1B	1946	DEC	DE	
29BE	87	1947	ADD	A.A	
29BF	D8	1948	RET	C	
2900	CDCF2F	1949	CALL	L2FCF	
2903	95	1950	SUB	L	
2904	47	1951	LD	B,A	
2905	13	1952	INC	DE	
2906	79	1953	LD	A)C	
2907	9Č	1954	SBC	A,H	
2908	3804	1955	JR	C,FL2	
29CB	1B	1956	DEC		
29CB	B0	1957	OR	DE B	
29CC	C9	1958 FI2		D	
2500	C 9	1959 ;	RET		
29CD	13		TUC	Nr.	• F2=3 3 - 3 2
2500	13	1960 FNDNXT 1961 ;	INC	DE	; Find next line
29CE	17		THE	N.C.	
27UE	13	1962 FL2	INC	DE	
29CF	CNCESE	1963 ;	001.1	Loror	
29D2	CDCF2F	1964 FNDSKP	CALL	L2FCF	: Try to find cr
	FE0D	1965	CP	CR NR FLO	
29D4	20F8	1966	JR	NZ,FL2	
2906	13	1967	INC	DE	
29D7	18DF	1968	JR	FNDLNP	
2000		1969 ;	T/CLICAL 12		
29D9	E7	1970 TSTU	IGNBLK	con	
2909	E7	1971+	RST	20H	<pre>; Get next non-blank from (DE)</pre>
29DB	FE25	1972	CP	25H	
2900	281D	1973	JR	Z,L29FB	
29DE	D640	1974	SUB	40H	
29E0	D8	1975	RET	C	
29E1	201C	1976	JR	NZ, TV1	
29E3	13	1977	INC	DE	
29E4		1978	PARN		
29E4	EF	1979+	RST	28H	:Get value of () or storage adms
29E5	29	1980	ADD	HL, HL	
29E6	DA7A2A	1981	JP	C, QHOW	
29E9	D5	1982	PUSH	DE	
29ER	EB	1983	EX	DE, HL	
29EB	CDB728	1984	CALL	SZ	
29EE	CD3R29	1 <b>9</b> 85	CALL	COMP	
29F1	<b>38B</b> 8	1986	JR	C, ASORRY	

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2057	205245	1002		18 /TUTINGS	
29F3	2A524E	1987	LD	HL, (TXTUNF)	
29F6	2B	1988	DEC	HL	
29F7	2B	1 <b>9</b> 89	DEC	HL	
29F8	19	1990	ADD	HL, DE	
29F9	Di	1991	POP	DE	
29FA	<b>C</b> 9	1992	RET		
29FB	13	1993 L29FB	INC	DE	
29FC		1994	PARN		
29FC	EF	1995+	RST	28H	:Get value of () or storage adrs
29FD	AF	1996	XOR	A	adec value of 17 of scot age auris
29FE	." C9	1997	RET	11	
29FF	FE1B	1998 TV1		100	
			CP	1BH	
2901	3F	1999	CCF		
2A02	D8	2000	RET	C	
2803	13	2001	INC	DE	
2804	6F	2002	LD	LAR	
2805	CDCF2F	2003	CALL	L2FCF	
<b>280</b> 8	FE41	2004	CP	'A'	
280A	3826	2005	JR	C/L2832	
28ØC	FE58	2006	CP	′Z′+1	
280E	3022	2007	JR	NC/L2A32	
2A10	C5	2008	PUSH	BC	
2R11	D5	2009	PUSH	DE	
2812	67				
		2010	LD	H, A	
2A13	<b>96</b> 97	2011	LD	B,7	
2A15	118220	2012	LD	DE,L20A2	
2A18	18	2013 L2A18	LD	A,(DE)	
2819	13	2014	INC	DE	
2A1A	BD	2015	CP	L	
2A1B	18	2016	LD	A, (DE)	
281C	13	2017	INC	DE	
2A1D	200B	2018	JR	NZ,L2828	
281F	BC	2019	CP	Н	
2A20	<b>200</b> 8	2020	JR	NZ L2R2R	
2822	78	2021	LD	A.B	
2B23	C61A	2022	ADD	A, IAH	
2R25	6F	2023	LD	LA	
2A26	D1	2024	POP	DE	
2827	13	2025	INC	DE	
2A28	1807	2026	JR	L2A31	
2828	10EC	2027 L2R2R	DJNZ		
2A2C	D1			L2A18	
2R2D		2028	POP	DE	
	C1	2029	POP	BC	
2R2E	1B	2030	DEC	DE	
282F	37	2031	SCF		
2A30	C9	2032	RET		
2931	C1	2033 L2A31	POP	BC	
2A32	7D	2034 L2R32	LD	A,L	
2A33	216C4E	2035	LD	HL,L4E6C	
2836	07	2036	RLCA		
2837	85	2037	ADD	A,L	
2838	6F	2038	LD	L,A	
2R39	3E00	2039	LD	A.0	
2A3B	8C	2040	ADC	A,H	
2A30	67	2041	LD	H, A	
293D	C9	2042	RET	****	
	<u></u>			*****************	ولوميل ولوملوملوملوملوملوم
		TOTO Jenerania	· · · · · · · · · · · · · · · · · · ·		ունունունունականականակ

		2044 ;	RST8	TSTC	*
007F				******	akakakakakakak
283E	E3	2046 L2R3E	EX	(SP),HL	: Get (caller+1)
283F	F3	2047	IGNELK		: Next input character
283F	E?	2048+	RST	20H	<pre># Get next non-blank from (DE)</pre>
2840 2841	BE 23	2049 2050	CP	(HL)	: Same?
2842	23 2807	2050	INC	HL DAGGE	: Next location
2844		2051	JR	Z,L2A4B	; Match!
2845	C5 4E	2052 2057	PUSH	BC	
2846	<b>0</b> 600	2053	LD	C, (HL)	<pre>; Get # of bytes to skip</pre>
2A48	<b>8</b> 9	2054	LD	B.0	
2849	Ci	2055 2056	ADD	HL / BC	: Increment past
2848	1B	2057	POP	BC	
284B	13	2058 L2A4B	DEC	DE	: Stay stuck on non-match
284C	23	2059	INC	DE	; Next char.
284D	E3	2009 2060	INC	HL CCD VIII	; Bump past # bytes
284E	C9	2061	EX	(SP),HL	Put return back on stack
TIITL	69		RET		
2 <del>6</del> 4F	210000	2062 ;	i n	111 6	
2852	44	2063 L2A4F 2064	LD	HL.0	
2A53	77		LD	B,H	
2853	<b>E</b> 7	2065 2066+	IGNBLK	0011	
2854	FE30		RST	20H	: Get next non-blank from (DE)
2A56	D8	2067 L2854	CP	′0′	
2857	FE3A	2068	RET	C	
2859	DØ	2069	CP	/ • /	
2858	3EFØ	2070	RET	NC 0.050U	
2850	R4	2071	LD	A,0F0H	
285D	201B	2072	AND	H	
285F		2073	JR	NZ) QHOW	
2860	04 C5	2074	INC	B	
2861		2075	PUSH	BC	
2862	44 4D	2076	LD	B,H	
2863	29	2077	LD	C.L	
2864	29 29	2078	ADD AGO	HL, HL	
2A65	29 09	2079	ADD	HL,HL	
2866	29	2080	ADD AAA	HL,BC	
2867	CDCF2F	2031	ADD	HL,HL	
2868	13	<b>20</b> 82 <b>20</b> 83	CALL	L2FCF	
286B	E60F	2 <b>0</b> 84	INC	DE	
286D	85	2085	AND	0FH	
286E	6F	<b>208</b> 6	ADD	A,L	
286F	3E00	2087	LD LD	LA	
2A71	8C	<b>20</b> 88	ADC	A.0	
2A72	67	<b>20</b> 89	LD	R,H	
2873	C1	2090	POP	H, A	
2874	CDCF2F	2091	CALL	BC L2FCF	
2877	F2542A	<b>20</b> 92	JP		
287A	D5	2093 QHOW	PUSH	P,L2A54 DE	
2A7B	113B20	2094 L2A7B	LD		
287E	C37729	2095	JP	DE,L2038 ERROR	
		2096 ;	VI	ERROR	
2881	CD3R29	2097 L2881	CALL	COMP	
2884	C8	2098	RET	Z	
2A85	CDCF2F	2099	CALL	L2FCF	
2A88	E5	2100	PUSH	HL	
	<del></del>		. 0011	+ 1L	

DOIIS	11119 00316	0/23/19		
2 <del>8</del> 89	60	2101	LD	пр
288A	69			H,B
		2102	LD	L,C
288B	CDE72F	2103	CALL	L2FE7
288E	E1	2104	POP	HL
2RSF	13	2105	INC	DE
2890	03	2106	INC	BC
2891	18EE	2107	JR	L2881
		2108 ;		
2A93	78	2109 L2A93	LD	A,B
2894	92	2110	SUB	D
2895	C29B2A	2111	JP	NZ,L289B
2A98	79	2112	LD	A,C
2899	93	2113	SUB	E
2A9A	Ç8	2114	RET	Ž
289B	1B	2115 L2A9B	DEC	DE
289C	2B	2116	DEC	
				HL
289D	CDCF2F	2117	CALL	L2FCF
29A0	CDE72F	2118	CALL	L2FE7
2883	18EE	2119	JR	L2893
		2120:		
28A5	C1	2121 L2AA5	POP	BC
2886	E1	2122	POP	HL
2AA?	22C94E	2123	LD	(LOPUAR),HL
288A	7C	2124	LD	B₂H
2AAB	B5	2125	OR	L
2RAC	CABF2A	2126	JP	Z,L2ABF
2AAF	E1	2127	POP	HL
2AB0	22CB4E	2128	LD	(LOPINC), HL
2AB3	E1	2129	POP	HL
28B4	22CD4E	2130	LD	(LOPLMT),HL
28B7	E1	2131	POP	
	22CF4E			HL
2AB8		2132	LD	(LOPLN),HL
2ABB	E1	2133	POP	HL
2ABC	22D14E	2134	LD	(LOPPT),HL
2ABF	C5	2135 L2ABF	PUSH	BC
2ACØ	C9	2136	RET	
		2137 :		
2AC1	215C4F	2138 L2AC1	LD	HL,STKLMT
2AC4	CD1B29	2139	CALL	CHGSGN
2807	C1	2140	POP	BC
2AC8	39	2141	ADD	HL/SP
2809	D28829	2142	JP	NC , QSORRY
2ACC	2AC:94E	2143	LD	HL (LOPUAR)
2ACF	7C	2144	LD	A.H
28D0	B5	2145	OR	L
28D1	CAE72A	2146	JP	Z,L2AE7
2RD4	28D14E	2147	LD	· ·
2AD7	20014E E5			HL,(LOPPT)
		2148	PUSH	HL CLOPIUS
2RD8	2RCF4E	2149	LD	HL, (LOPLN)
2ADB	E5	2150	PUSH	HL
2RDC	2RCD4E	2151	LD	HL/(LOPLMT)
2ADF	E5	2152	PUSH	HL
2AE0	2ACB4E	2153	LD	HL (LOPINC)
2AE3	E5	2154	PUSH	HL
2RE4	2AC94E	2155	LD	HL,(LOPVAR)
2AE7	E5	2156 L2AE7	PUSH	HL
2RE8	C5	2157	PUSH	BC

2 <del>8</del> E9	C9	2158 2159 ;	RET		
2AEA	97	2160 PRTSTG	SUB	0	
2AEB	47			A	
		2161 L2AEB	LD	B,A	
2AEC	CDCF2F	2162 L2AEC	CALL	L2FCF	
2AEF	13	2163	INC	DE	
2AFØ	B8	2164	CP	В	
2RF1	C8	2165	RET	Z	
2RF2		2166	OUTC		
2AF2	DF	2167+	RST	18H	; Output Char. in A
2AF3	FEØD	2168	CP	CR	
2AF5	20F5	2169	JR	NZ,L2REC	
28F7	C9	2178	RET		
2AF8		2171 QTSTG	TSTC	/"/,QT3	
2MF8	CF	2172+	RST	8	
2AF9	22	2173+	DB	707	; Char. to check
2HFR	ØE	2174+	DB	QT3-\$-1	Jump bias if no match
2AFB	3E22	2175	LD	8,7"7	3 Some Dies I: (10 mace)
2AFD	CDEB2R	2176 L2AFD	CALL	L2AEB	
2B00	FEOD	2177	CP	CR	
2802	E1	2178			
2B03	CA7A25		POP	HL 3 BUREAU	
2806		2179	JP	Z, RUNNXL	
	23	2180	INC	HL	
2807 2800	23	2181	INC	HL	
2B08	E9	2182	JP TOTO	(HL)	
2B09	,, <b>-</b> -	2183 QT3	TSTC	////L2B10	
2809	CF	2184+	RST	8	
280A	27	2185+	DB	1111	; Char. to check
2B0B	04	2186+	DB	L2B10-\$-1	; Jump bias if no match
2B00	3E27	2187	LD	A) / / / /	
280E	18ED	2188	JR	L2AFD	
2B10	C9	2189 L2B10	RET		
		2190 :			
2B11	7B	2191 L2B11	LD	A,E	
2B12	B8	2192	CP	B	
2B13	C8	2193	RET	Z	
2B14	CDCF2F	2194	CALL	L2FCF	
2B17		2195	OUTC		
2B17	DF	2196+	RST	18H	; Output Char. in A
2818	13	2197	INC	DE	
2B19	18F6	2198	JR	L2B11	
		2199 ;			
2B1B	<b>0</b> 600	2200 L2B1B	LD	B,0	
2B1D	CD1829	2201	CALL	CHKSGN	
2B20	F2262B	2202	JP	P,L2B26	
2823	062D	2203	LD	B, /-/	
2B25	002D	2203	DEC	В, - С	
2B26	D5	2205 L2B26	PUSH	DE	
2B27	110A00	2205 12526	LD		
2B2A	D5	2200 2207		DE, 10	
2626 2626	9D		PUSH	DE C	
		2208	DEC	C	
2B20	C5 cbezoe	2209	PUSH	BC	
2B2D	CD0329	2210 L2B2D	CALL	DIVIDE	
2B30	78	2211	LD	A'B	
2B31	B1	2212	OR	C	
2B32	CA3C2B	2213	JP	Z,L2B3C	
2B35	E3	2214	EX	(SP),HL	

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2836	2D	2215	DEC	L		
2837	<b>E</b> 5	2216	PUSH	HL		
2B38	60	2217	LD	H/B		
2B39	69	2218	LD	LiC		
2B3A	18F1	2219	JR	L2B2D		
2B30	C1	2220 L2830	POP	BC		
2B3D	ØD	2221 L2B3D	DEC	C		
2B3E	79	2222	LD	A/C		
2B3F	<b>B</b> 7	2223	OR	A		
2B40	FA482B	2224	JP	M.L2B48		
2843	3E20	2225	LD	8,77		
2845		2226	OUTC			
2B45	DF	2227+	RST	18H	; Output	Char. in A
2B46	18F5	2228	JR	L2B3D		
2848	78	2229 L2B48	LD	A,B		
2849	B7	2230	OR	A		
2B4A	C47D2C	2231	CALL	NZ/L2C7D		
2B4D	5D	2232	LD	E,L		
2B4E	78 5500	2233 L2B4E	LD	A,E		
2B4F 2B51	FE0A	2234	CP BOD	LF		
2851 2852	D1 C8	2235	POP	DE		
2853	0638	2236 2237	ret add	2		
2855	C-C-C-C-C	2238	OUTC	A./01		
2B55	DF	2239+	RST	18H	• Charles at	Char. in A
2B56	18F6	2240	JR	L2B4E	, oacrac	Char. In h
		2241 ;	VII.	LLUTL		
2 <b>8</b> 58	CDCF2F	2242 L2B58	CALL	L2FCF		
2B5B	6F	2243	LD	L,A		
2B5C	13	2244	INC	DE		
2B5D	CDCF2F	2245	CALL	L2FCF		
2B60	67	2246	LD	H, A		
2B61	13	2247	INC	DE		
2B62	0E04	2248	LD	C, 4		
	CD1B2B	2249	CALL	L2B1B		
2867 2869	3E20	2250	LD	A, C. C.		
	DF	2251 2252+	OUTC	100		<b>a</b>
286A	C9	2253	RST RET	18H	; Uutrut	Char. in A
20011	0.5	2254 ;	KE I			
2 <b>8</b> 68	5456	2255 TAB1	DB	1701		
2B6D		2256	JTE	ΤÚ		
2B6D	<del>8</del> 4	2257+	DM	TV SHR 8	: Jump t	able entry
286E	1D	2258+	DB	TU AND OFFH	• • • • • • •	
2B6F	4D55	2259	DB	'MU'		
2871		2260	JTE	MU		
2871	A4	2261+	DM	MU SHR 8	; Jump t	able entry
2872	14	2262+	DB	MU AND ØFFH		
2B73	26	2263	DB	<b>'&amp;'</b>		
2874	07	2264	JTE	L23FA	_	
2874	A3	2265+	DM	L23FA SHR 8	; Jump t	able entry
2B75	FR 47414040	2266+	DB	L23FA AND ØFFH		
2876 2878	43414040	2267	DB TTC	1CALL1		
267 A	84	2268	JTE DM	L2427		-1-3 A
2878	27	2269+ 2270+	DM DB	L2427 SHR 8	; Jump t	able entry
287C	2F	2270	DB	L2427 AND OFFH		
		44414	<i>V</i> U	•		

2B7D		2272	JTE	L2705		
2B7D	87	2273+	DM	L2705 SHR 8	;	Jume table entry
2B7E	<b>0</b> 5	2274+	DB	L2705 AND OFFH		
2B7F	24	2275	DB	<b>'\$'</b>		
2880	<del>-</del> ·	2276	JTE	DOLLAR		
2B80	<b>A1</b>	2277+	DM	DOLLAR SHR 8		Jump table entry
2881	94				,	Jump Cable entry
		2278+	DB	DOLLAR AND OFFH	_	
2B82	3 <b>8</b> 68	2279	DB	/:/,68H	j	:LIST
2B84		2280	JTE	L216F		
2884	A1	2281+	DM	L216F SHR 8	;	Jump table entry
2B85	6F	2282+	DB	L216F AND ØFFH		
2B86	3874	2283	DB	/:/,74H	;	:PRINT
2B88		2284	JTE	L217B		
2B88	RI	2285+	DM	L217B SHR 8	•	Jump table entry
2889	7B	2286+	DB	L217B AND OFFH	•	Camir Cable errors
2B8A	3A73	2287	DB	1:1,73H		e Third it
	3111 3				ē	:INPUT
2B80	A.	2288	JTE	L216B		
2 <b>B</b> 8C	A1	2289+	DM	L216B SHR 8	;	Jump table entry
2B8D	6B	2290+	DB	L216B AND ØFFH		
2B8E	3868	2291	DB	4:4,6AH	;	:RUN
2B90		2292	JTE	L2181		
2B90	A1	2293+	DM	L2181 SHR 8	;	Jump table entry
2891	81	2294+	DB	L2181 AND OFFH	-	
2B92	3A70	2295	DB	1:1,70H	•	:RETURN
2B94	Om C	2296	JTE	L242D	•	· INE TORY
2B94	Ĥ4	2297+	DM			7 4 ab 1 4
				L242D SHR 8	ž	Jump table entry
2895	2D	2298+	DB	L242D AND ØFFH		
2B96	2874	2299	DB	/*/ <sub>3</sub> 74H	;	*PRINT
2898		2300	JTE	L2178		
2898	A1	2301+	DM	L2178 SHR 8	;	Jump table entry
2B99	78	2302+	DB	L2178 AND ØFFH		
2B9A	53544F50	2303	DB	'STOP'		
289E		2304	JTE	START		
2B9E	A4	2305+	DM	START SHR 8	;	Jump table entry
2B9F	9C	2306+	DB	START AND OFFH	•	
2BA0		2307	JTE	DEFLT	•	End list 1
2BAØ	87	2308+	DM			Jump table entry
2BA1		2309+	DB	DEFLT AND OFFH	•	Julie Capte efforts
20111	• •	2318 ;	20	DELLI HAD OFFI		
		2311 ;	FUNCTIO	N/C		
			FUNCTIO	R5		
and the second	57	2312 ;	p.p.	500		
2BA2	76	2313 TAB4	DB	76H	;	RND
2BA3		2314	JTE	RND		
2BA3	A8	2315+	DM	RND SHR 8	;	Jump table entry
2BA4	<del>9</del> 4	2316+	DB	RND AND ØFFH		
2BA5	4B4E	2317	DB	′KN′		
2BA7		2318	JTE	KN		
2BA7	A8	2319+	DM	KN SHR 8	:	Jump table entry
2BA8	C4	2320+	DB	KN AND OFFH	•	Comp Capie error s
2BA9	5452	2321	DB DB	TR'		
2BAB	U7U4	2322				
	00		JTE	TR CUE O	_	T
2BAB	A8	2323+	DM	TR SHR 8	;	Jump table entry
2BAC	D4	2324+	DB	TR AND OFFH		
2BAD	4A58	2325	DB	'JX'		
2BAF		2326	JTE	JX		
2BAF	A8	2327+	DM	JX SHR 8	;	Jump table entry
2BB0	DC	2328+	DB	JX AND ØFFH		

Bally	Tiny Basic	8/25/79	02.	• •	17IdE 0042
2BB1	4A59	2329		<b>11</b> 47	
2883		2330	JTE	JΥ	
2BB3	A8	2331+	DM	JY SHR 8	: Jump table entry
2884	E8	2332+	DB	JY AND ØFFH	
2885	4B50	2333	DB	'KP'	
28B7		2334	JTE	KP	
2887	A3	2335+	DM	KP SHR 8	: Jump table entry
2BB8	EF	2336+	DB	KP AND ØFFH	
<b>28</b> 89	5058	2337	DB	′PX′	
2888		2338	JTE	PX	
2BBB	A1	2339+	DM	PX SHR 8	; Jump table entry
28BC	D8	2340+	DB	PX AND ØFFH	
288D	26	2341	DB	'&'	
2BBE		2342	JTE	L2409	
2BBE	Ĥ4	2343+	DM	L2409 SHR 8	: Jump table entry
2BBF	<b>0</b> 9	2344+	DB	L2409 AND OFFH	
2BC0	414253	2345	DB	18BS1	
2BC3		2346	JTE	ABS	
2BC3	AS	2347+	DM		; Jump table entry
	BØ	2348+	DB	ABS AND ØFFH	
2BC5	535A	2349	DB	′SZ′	
2BC7		2350	JTE	SZ	
2BC7	A3	2351+	DM	SZ SHR 8	; Jump table entry
2808	B7	2352+	DB	SZ AND ØFFH	y comme contract the contract to
2BC9	<b>.</b>	2353	JTE	XP40	; End list 2
2809	AS	2354+	DM	XP40 SHR 8	
2BCA	64	2355+	DB	XP40 AND ØFFH	y com odbie enors
	-	2356 ;			
2BCB	3E3D	2357 TAB8	DB	/>=/	
2BCD		2358	JTE	XP11	
2BCD	A7	2359+	DM	XP11 SHR 8	: Jump table entry
2BCE	89	2360+	DB	XP11 AND OFFH	
2BCF	23	2361	DB	<b>/#</b> /	
2BD6		2362	JTE	XP12	
2BD0	87	2363+	DM	XP12 SHR 8	; Jump table entry
2BD1	8F	2364+	DB	XP12 AND ØFFH	
<b>2B</b> D2	3E	2365	DB	<b>'</b> >'	
2BD3		2366	JTE	XP13	
2BD3	87	2367+	DM	XP13 SHR 8	; Jump table entry
2BD4	95	2368+	DB	XP13 AND ØFFH	
2BD5	3D	2369	DB	/=/	
2BD6		2370	JTE	XP15	
2BD6	<b>8</b> 7	2371+	DM	XP15 SHR 8	; Jump table entry
2BD7	Ĥ4	2372+	DB	XP15 AND OFFH	
2BD8	303D	2373	DB	<b>'</b> ⟨='	
2BDA		2374	JTE	XP14	
2BDA	A7	2375+	DM	XP14 SHR 8	; Jump table entry
2BDB	9C	2376+	DB	XP14 AND ØFFH	
2BDC	3C	2377	DB	<b>'</b> ('	
2BDD		2378	JTE	XP16	
2BDD	<b>8</b> 7	2379+	DM	XP16 SHR 8	; Jump table entry
2BDE	AA	2380+	DB	XP16 AND ØFFH	
2BDF		2381	JTE	XP17	; End list 3
2BDF	<b>A</b> 7	2382+	DM	XP17 SHR 8	; Jump table entry
2BE0	BØ	2383+	DB	XP17 AND ØFFH	
		2384 ;			
2BE 1	11D44E	2385 GETLN	LD	DE, BUFFER	3 Output A and input into

Bally Tiny Basic 8/25/79

Bally	Time Basic	8/25/7	9		
2042	CD852E	2443	CALL	L2E85	
2045	3E1F	2444	LD	A, 1FH	
2047	189B	2445	JR	L2BE4	
2049	D5	2446 L2049	PUSH	DE	
2049 2048	CDEE2E	2447			
204N	7E	2448 L2C4D	CALL LD	L2EEE	
204E	E5	2449	PUSH	A.(HL)	
204E	E67F			HL	
		2450	AND	7FH	
2051	CD852E	2451	CALL	L2E85	
2054	3E1F	2452	LD	A, 1FH	
2056	CDCF2C	2453	CALL	L2CCF	
2059	E1	2454	POP	HL .	
205A	7E	2455	LD	A, (HL)	
205B	23	2456	INC	HL.	
2050	87 7055	2457	RLCA	110 1 00 10	
205D	30EE	2458	JR	NC/L2C4D	
205F	3E1F	2459	LD	A, 1FH	
2061	r. F	2460	OUTC	4.001.1	
2061	DF	2461+	RST	18H	; Output Char. in A
2062	D1	2462	POP	DE	
2063	C3E52B	2463 L2C63	JP	L2BE5	
2066	FEØD	2464 L2C66	CP	CR	
2068	CA752C	2465	JP	Z-L2075	
206B	7B	2466	LD	A,E	
2060	FE3C	2467	CP	(BUFFER+104)	AND ØFFH
206E	28F3	2468	JR	Z,L2063	
2070	18	2469	LD	A, (DE)	
2071	13	2470	INC	DE	
2072	C3E42B	2471	JP	L2BE4	
2075	13	2472 L2075	INC	DE	
2076	13	2473	INC	DE	
2077	3EFF	2474	LD	A,0FFH	
2079	12	2475	LD	(DE),A	
207A	1B	2476	DEC	DE	
207B	3E0D	2477 CRLF	LD	A, CR	
		2478 ;			
		2479 :	OUTC	(RST 18H)	
		2480 ;			
207D	E5	2481 L207D	PUSH	HL	
207E	D5	2482	PUSH	DE	
207F	C5	2483	PUSH	BC	
2080	F5	2484	PUSH	AF	
2081	57	2485	LD	D,A	: Save the character
2082	3AC24E	<b>24</b> 86	LD	A, (L4EC2)	
2085	FE06	2487	CP	6	
2087	282F	2488	JR	Z,L2CB8	; JF if *PRINT
2089	E602	2489	AND	2	
2C8B	2830	2490	JR	Z,L2CBD	<pre>; Jp if not :PRINT</pre>
208D	48	2491 L2C8D	LD	C>D	
208E	CB01	2492	RLC	E	
2090	DB12	2493 L2C90	IN	A,(PORT12)	
2092	E602	2494	AND	2	
2094	28FA	2495	JR	Z,L2C90	; Wait for clock high
2096	060A	2496	LD	B. ØAH	Do 10 bits
2098	3E08	2497 L2C98	LD	A OCOH	
2098	3D	2498 L2C9A	DEC	A	
209B	2 <b>0</b> FD	2499	JR	NZ,L2C9A	Give clock some time

209D	<b>0</b> 5	2500	DEC	В	: Count output bits
209E	281D	2501	JR	Z,L2CBD	
2CA0	DB12	2502	IN	A, (PORT12)	
2CR2	5F	2503	LD	E,A	
20A3	DB12	2504 L2CA3	IN	A (PORT12)	
2CA5	AB	<b>250</b> 5	XOR	E	
2CR6	E602	2506	AND	2	
2CA8	<b>28</b> F9	2507	JR	ZJL2CA3	
2CAA	7B	<b>250</b> 8	LD	A,E	
2CAB	<b>A</b> 9	2509	XOR	C	
2CAC	E602	2510	AND	2	
2CAE	2802	2511	JR	Z,L2CB2	
2CB0	DB12	2512	IN	A, (PORT12)	
2CB2	CBC9	2513 L2CB2	SET	1,0	
2CB4	CB09	2514	RRC	C	
2CB6	18E0	2515	JR	L2098	
	m.a	2516;			
2CB8	78	2517 L2CB8	LD	A,D	: *PRINT process
20B9	FE68	2518	CP	68H	
2CBB	3800	2519	JR	C.L2C8D	; Jp if not word
2CBD	7 <del>8</del>	2520 L2CBD	LD	A,D	
2CBE	CDCF2C	2521	CALL	L2CCF	
2001	F1	2522	POP	AF	
2002	Ci	2523	POP	BC	
2003	D1	2524	POP	DE	
2004	E1	2525	POP	HL	
2005	C9			nL.	
2000	Co	2526	RET		
energy en	2 <b>5</b>	2527 :	1.5		
2006	6F	2528 L2CC6	LD	LA	
2007	3AC24E	252 <del>9</del>	LD	A,(L4EC2)	
200A	FEØ6	2530	CP	6	
2000	7D	2531	LD	A,L	
200D	28AE	2532	JR	Z,L2C7D	
2CCF	FE0D	2533 L200F	CP	CR	
2CD1	282E	2534	JR	Z,L2D01	
2CD3	FE1F	2535	CP	1FH	
2CD5	280F	2536	JR	Z.L2CE6	
2CD7	3804	2537	JR	C,L2CDD	
20D9	FE78	<b>25</b> 38	CP	78H	
2CDB	3802	2539	JR	C.L2CDF	
2CDD	3E3F	2540 L2CDD	LD	A,3FH	
2CDF	FE68	2541 L2CDF	CP	68H	
20E 1	304F	2542	JR	NC/L2D32	
2CE3	CD852E	2543	CALL	L2E85	
2CE6	CD472D	2544 L2CE6	CALL	L2D47	
2CE9	CD8B23	2545	CALL	L238B	
2CEC	FE1F	2546	CP	1FH	
2CEE	201F	2547	JR	NZ,L2D0F	
2CF0	7D	2548	LD	A,L	
2CF1	A7	2549	AND	A	
2CF2	2805				
		2550	JR	Z,L2CF9	
20F4	D606	2551	SUB	6	
20F6	6F	2552	LD	LAR	
2CF7	1831	2553	JR	L2D2A	
2CF9	2E96	2554 L2CF9	LD	L,96H	
2CFB	70	2555	LD	H, H	
2CFC	D608	2556	SUB	8	

2CFE	67	2557	LD	H, A	
2CFF	1829	2558	JR	L2D2A	
2DØ1	3A544E	2559 L2D01			
2004			LD	A, (L4E54)	
	87 2004	2560	AND	A	
2DØ5	2026	2561	JR	NZ,L2D2D	
2D97	CD472D	2562	CALL	L2D47	
2DØA	CD4B2D	<b>25</b> 63	CALL	L2D4B	
2D0D	181E	2564	JR	L2D2D	
2D0F	54	2565 L2D0F	LD	D.H	
2010	5D	2566	LD	E,L	
2011	F680	2567	OR	80H	
2D13	ØE18	2568	LD	C, 18H	
2D15	DD21664E	2569	LD	IX,L4E66	
2D19	FF	2570	RST	38H	
2D1A	• •	2571			. 6: 3 . 6:
2D18	32		DO DD	50	; Display Character
		2572+	DB	50	: Subroutine 50
2D1B	7D	2573	LD	A, L	; Skir a space
2D1C	0606	2574	ADD	A, 6	
2D1E	6F	2575	LD	LA	
2D1F	FE9C	2576	CP	9CH	
2D21	2007	2577	JR	NZJL2D2A	
<b>2</b> D23	CD4B2D	2578	CALL	L2D4B	
2D26	3E01	2579	LD	A.1	
2D28	1804	2580	JR	L2D2E	
2D28	CDA523	2581 L2D2A	CALL	L23A5	
2D2D	AF	2582 L2D2D	XOR	A	
2D2E	32544E	2583 L2D2E	LD	(L4E54),A	
2D31	C9	2584	RET	(67604/)))	
2D32	CDEE2E	2585 L2D32	CALL	) OFFE	
2D35	7E	2586 L2D35		L2EEE	
2035 2036	E67F		LD	A,(HL)	
2038		2587	AND	7FH	
	E5	2588 2500	PUSH	HL	
2D39	CDC62C	2589	CALL	L2006	
2D30	E1	2590	POP	HL	
203D	7E	2591	LD	A, (HL)	
2D3E	23	2592	INC	HL	
2D3F	07	2593	RLCA		
2D40	30F3	25 <del>9</del> 4	JR	NC/L2D35	
2D42	3E20	2595	LD	8,4 4	
2D44	030620	2596	JP	L2006	
2D47	0E00	2597 L2047	LD	C.0	
2049	183E	2598	JR	L2D89	
2D4B	CD8B23	2599 L2D4B	CALL	L238B	
2D4E	2E00	2600	LD	L.0	
2D50	70	2601	LD	A'H	
2D51	FE50	2602	CP	50H	
2D53	202D	2603			
2D55	CDA523		JR cell	NZ,L2D82	
2053 2058		2604	CALL	L23A5	
	21C04D	2695	LD	HL,L4DC0	
205B	7E	2606 L2D5B	LD	A. (HL)	
2050	E655	2607	AND	55H	
2D5E	77	2608	LD	(HL),A	
2D5F	23	2609	INC	HL	
2D60	7D	2610	LD	A,L	
2D61	FE20	2611	CP	/ /	
2D63	20F6	2612	JR	NZ / L2058	
2065	0604	2613	LD	B, 4	
				•	

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2067	C5	2614 L2D67	PUSH	BC	
2D68	210040	2615			
2D6B			LD	HL,L4000	
	115040	2616	LD	DE,L4050	
206E	010E98	2617	LD	BC,980EH	
2071	18	2618 L2D71	LD	A, (DE)	
2D72	AE	2619	XOR	(HL)	
2D73	E6AA	2620	AND	ØAAH	: Save screen bits
2D75	AE	2621	XOR	(HL)	; Make them good
2076	77	2622	LD	(HL),A	; Move them up
2077	23	2623	INC	HL	
2D78	13	2624	INC	DE	
2079	10F6	2625	DJNZ	L2D71	
2D7B	ØD	2626	DEC	C	
2070	20F3	2627	JR	NZ,L2D71	
2D7E	C1	2628	POP	BC	
2D7F	10E6	2629	DJNZ	L2D67	
2D81	C9	2630	RET	L2001	
2D82	C608			0.0	
		2631 L2D82	ADD	A,8	
2084	67	2632	LD	H'U	
2D85	CDA523	2633	CALL	L23A5	
2D88	C9	2634	RET		
		2635 ;			
	F5	2636 L2D89		AF	: Get CY/CX to HL
208A	CD8B23	2637	CALL	L238B	
2080	EB	2638	EX	DE,HL	
2D8E	ĤF	2639	XOR	A	
2D8F	FF	2640	RST	38H	
2090		2641	DO	58	
2D90	3A	2642+	DB	58	; Subroutine 58
2091	D30C	2643	OUT	(PORTØC),A	> Sabi cacine 30
2093	EB	2644	EX	DE, HL	
2094	79	2645	LD	A,C	
2D95	010608	2646	LD	BC,806H	
2D98	CD8922	2647	CALL	L2289	
209B	F1	2648	POP	AF	
2D90	C9	2649	RET	nr	
2000	0.7	2650;	KEI		
2D9D	3AC24E		u ir	0 (1.4500)	
		2651 TAPEI		A, (L4EC2)	; I/O flad
2DA0	3D	2652	DEC	A	
2DR1	2019	2653	JR	NZ,L2DBC	<pre>: Not 1 = KBD input</pre>
2DA3	CD5B2E	2654	CALL	L2E5B	; 1 = TAP input, chk for abort
2DA6	C29024	2655	JP	NZ,L2490	; Abort, start over
2DH9	28204E	2656	LD	HL,(L4E20)	: Get tape input buffer pointer
2DAC	70	2657	LD	A,H	: Get extract pointer
2DAD	BD	2658	CP	L	
2DAE	28ED	2659	JR	Z, TAPEIN	; No data yet
2DB0	6F	2660	LD	Lift	
20B1	264E	2661	LD	H,L4E22 SHR 8	
2DB3	4E	2662	LD	C, (HL)	; Get tape data
2DB4	CD2C21	2663	CALL	L2120	- arr rain wave
2DB7	32214E	2664	LD	(L4E21),A	; Update extract pointer
2DBA	79	2665	LD	A,C	Get byte
2DBB	C9	2666	RET	,,,,,	י שלי מיני
		2667 ;	INE. I		
2DBC	CD582E	2668 L2DBC	COLI	LODED	• Cal landa 3-1-
2DBC 2DBF	20FB			L2E5B	; Get keyboard data
		2669	JR	NZ,L2DBC	; Wait till no key change
2DC1	21554E	2670	LD	HL,L4E55	

parra trua pasto	8/25/7	<del>)</del>		
2DC4 3606	2671	LD	(HL),6	* Cal have malacase discuss
2DC6 7E	2672 L2DC6	LD	R, (HL)	: Set key release timer
2DC7 A7	2673 2673	AND		
2DC8 20FC			A	
	2674	JR	NZ,L2DC6	; Wait for timer to expire
2DCR 3RR24E	2675	LD	A, (BKC)	: Get BC
2000 F5	2676	PUSH	AF	
2DCE 21672F	2677	LD	HL,L2F67	
2DD1 E5	2678 L2DD1	PUSH	HL	
2DD2 21BA2F	2679	LD	HL,L2FBA	
2DD5 11EBFF	2680	LD	DE , -21	; 20 keys+color
2DD8 011404	2681	LD	BC,414H	
2DDB ED78	2682 L2DDB	IN	A. (C)	: Get shift key
2DDD E620	2683	AND	20H	
2DDF 2007	2684	JR	NZJL2DE8	; Got one
2DE1 19	2685	ADD	HL, DE	; Back up to previous table
2DE2 0C	2686	INC	C	; Next port
2DE3 10F6	2687	DJNZ	L2DDB	Do all 4 ports
2DE5 E1	2688	POP	HL	Get current no-shift address
2DE6 180F	2689	JR	L2DF7	y dec carrent no-shirt address
	2690;	OK.	LADI I	
2DE8 D1	2691 L2DE8	POP	DE	t Class skeet
2DE9 3AA24E	2692			; Clear stack
		LD	A, (BKC)	; Get BC
	2693	CP	(HL)	
2DED 2807	2694	JR	Z,L2DF6	<pre>JF if same as desired</pre>
2DEF 7E	2695	LD	A. (HL)	: Get desired BC
2DF0 32A24E	2696	LD	(BKC),A	; Save it
2DF3 CD2A2E	2697	CALL	L2E2A	
2DF6 23	2698 L2DF6	INC	HL	; Point to keys
2DF7 CD5B2E	2699 L2DF7	CALL	L2E5B	: Get input
2DFA 28D5	2700	JR	Z,L2DD1	; Not there, allow different
	2701			; shift key
2DFC 3D	2702	DEC	A	: Back to keys 0-23
2DFD 4F	2703	LD	C/A	
2DFE 0600	2704	LD	B,0	
2E00 09	2705	ADD	HL,BC	<pre>; Point to conversion</pre>
2E01 F1	2706	POP	AF	; Get original BC
2E02 32A24E	2707	LD	(BKC))A	; Reset it
2E05 7E	2708	LD	A, (HL)	: Get key conversion
2E06 A7	2709	AND	A	
2E07 284C	2710	JR	Z.L2E55	: Restart if no code
2E09 FE01	2711	CP	1	
2E0B CA9D2D	2712	JP	Z, TAPEIN	; Meaningless key
2EØE F5	2713	PUSH		; Save key code
2E0F FE67	2714	CP	67H	
2E11 300A	2715	JR	NC,L2E1D	; Jr if word
2E13 FF	2716	RST	38H	
2E14	2717	DO		; HL+A to HL
2E14 5D	2718+	DB	92+1	; Subroutine 92+1
2E15 032F	2719	DW	L2F03	a man contain by .
2E17 3C	2720	INC	A	
2E18 2003	2721	JR	NZ,L2E1D	
2E1A CD2A2E	2722	CALL		
2E1D F1	2723 L2E1D			; Resain converted key
2E1E FE67	2724	CP		
2E20 C0	2725	RET	NZ	; Was it GO+10 ?
2E21 210500	2725 2726	LD		· Una
2E24 22624E				; Yes
ZEZ7 ZZ6Z4E	2727	LD	(L4E62),HL	

2E74 3803

2E76 00

2E77 18FA

2782

2783

2784

JR

INC

JR

C.L2E79

C

L2E73

CROMEMCO CDOS <b>Z80</b> Balla Tina Basic	ASSEMBLER ver 8/25/79		.15	PRGE 0050
2E79 79 2E7A 07 2E7B 07 2E7C B0	2785 L2E79 2786 2787 2788	LD RLCA RLCA OR	A,C B	
2E7D 3C 2E7E 47 2E7F 1A 2E80 AS	2789 2790 2791 2792	INC LD LD XOR	A B,A A,(DE) B	; Keys 1-24
2E81 C8 2E82 78 2E83 12 2E84 C9	2793 2794 2795 2796	RET LD LD RET	Z A,B (DE),A	: Leave if same as last time : Save new value
	2797 ; 2798 ; 2799 ;	NOTE OL		; and leave
2E85 E5 2E86 D5 2E87 F5 2E88 67	2800 L2E85 2801 2802 2803	PUSH PUSH PUSH LD	HL DE AF HJA	
2E89 3A574E 2E80 A7 2E8D 20FA	2804 L2E89 2805 2806	LD AND JR	A, (L4E57) A NZ,L2E89	
2E90 FE63 2E92 282E 2E94 FE62	2807 2808 2809 2810	LD CP JR CP	AvH 63H ZvL2EC2 62H	; Jp if divide
2E96 2831 2E98 FE2B 2E9A 2831 2E9C FE2D	2811 2812 2813 2814	JR CP JR CP	Z,L2EC9 /+/ Z,L2ECD /-/	; Je if multiely ; Je if elus
2E9E 2830 2EA0 FE30 2EA2 2830	2815 2816 2817	JR CP JR	Z,L2ED0 '0' Z,L2ED4	; Je if minus ; Je if 0
2EA4 21032F 2EA7 FF 2EA8 2EA8 5C	2818 2819 L2EA7 2820 2821+	DO .	92	; HL+A to HL ; Subroutine 92
2EA9 3C 2EAA 280E 2EAC 3C 2EAD 2831	2822 2823 2824 2825	INC JR INC	A Z,L2EBA A	; -1 is no sound
2EAF 3D 2EB0 3D 2EB1 32594E	2826 2827 2828	JR DEC DEC LD	Z,L2EE0 A A (L4E59),A	; -2 is number key ; Save next note
2EB4 3AA64E 2EB7 32574E 2EBA AF 2EBB 325A4E	2829 2830 2831 L2EBA 2832 L2EBB	LD LD XOR LD	(L4E57),A A	; Set for normal notes
2EBE F1 2EBF D1 2EC0 E1 2EC1 C9	2833 L2EBE 2834 2835	POP POP		
2EC2 3E8F 2EC4 32584E 2EC7 18F5	2837 L2EC2 2838 L2EC4 2839	LD LD JR	(L4E58),A L2EBE	; Save master sound divider
2EC9 3E23 2ECB 18F7	2840 L2EC9 2841	JR		

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2ECD	3E01	2842 L2ECD	LD	A, 1	; Set for sharps
2ECF	11	2843	DB	11H	; Skips 2 bytes
2ED0	3E02	2844 L2ED0	LD	A,2	; Set for flats
2ED2	18E7	2845	JR	L2EBB	
2ED4	21564E	2846 L2ED4	LD	HL,L4E56	
2ED7	3 <u>8</u> 864E	2847	LD	A, (NT)	
2EDA	F3	2848	DI	A 218 S	
2EDB 2EDC	86 77	2849	ADD	A, (HL)	: Increment note time by one NT
2EDD	FB	2850 2851	LD EI	(HL),A	
2EDE	18DE	2852	JR	L2EBE	
2EE0	3A5A4E	2853 L2EE0	LD	A, (L4E5A)	
2EE3	FF	2854	RST	38H	
2EE4		2855	DO	90+1	
2EE4	5B	2856+	DB	90+1	: Subroutine 90+1
2EE5	FC2E	2857	DW	L2EFC	
2EE7	EB	2858	EX	DE, HL	
2EE8	F1	2859	POP	AF	
2EE9	F5	2860	PUSH	AF	
2EEA	D631	2861	SUB	/1/ Lorez	: Set for proper increment
2EEC 2EEE	18B9 216420	2862 2863 L2EEE	JR LD	L2EA7 HL,L2 <b>0</b> 64	
2EF1	D668	2864	SUB	68H	
2EF3	C8	2865 L2EF3	RET	2	
2EF4	CB7E	2866 L2EF4	BIT	7, (HL)	
2EF6	23	2867	INC	HL	
2EF7	28FB	2868	JR	Z,L2EF4	
2EF9	3D	2869	DEC	A	
2EFA	18F7	2870 2871 ;	JR	L2EF3	
2EFC	092F	2872 L2EFC	DW	L2F09	; Normal note table
2EFE	1B2F	2873	DW	L2F1B	; Share note table
2F00	022F	2874	DW	L2F02	; Flat note table
		2875 ; 2876 ; 2877 ;	FLAT 1	-8 TABLE	
2F02	64	2878 L2F02	DB	64H	
2F03	59	2879 L2F03	DB	59H	; 0 ASCII VALUE NOTE TABLE
2FØ4	4F	2880	DB	4FH	; 1
2FØ5	4A	2881	DB	48H	<b>;</b> 2
2F06	42	2882	DB	42H	; 3
2F07	3B	<b>28</b> 83	DB	3BH	<b>;</b> 4
2F08	34	2884	DB	34H	; 5
		2885 ; 2886 ; 2887 ;	NORMAL	1-8 TABLE	
2F09	5E	2888 L2F09	ND.	ECU	
2F09	54	2889	DB DB	5EH 54H	; 6 ; 7
2F0B	48	2890	DB	48H	្តំ
2FØC	46	2891	DB	46H	; 9
2F0D	3E	2892	DB	3EH	: 10 <b>0</b> AH
2F0E	37	2893	DB	37H	; 11 ØBH
2F0F	31	2894	DB	31H	; 12 OCH
2F10	FF	2895 2896 ;	DB	0FFH	; 13 ODH Carriage return
2F11	0100	2897 L2F11	DW	1	; 14.15 <b>0EH</b> , <b>0FH</b>
2F13	0A00	2898	D₩	10	; 16,17 10H,11H

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2F15	6400	2000		Polit	400				
2F17	E803	2899		DW	100	;		12H, 13H	
		2900		DW	1000	;		14H, 15H	
2F19	1027	2901	_	DW	10000	;	22,23	16H,17H	
		2902							
		2903	;	SHARP 1	-8 TABLE				
		2904							
2F1B	59		L2F1B	DB	59H	;	24	18H	
2F1C	4F	2906		DB	4FH	;	25	19H	
2F1D	46	2907		DB	46H	;	26	1AH	
2F1E	42	2908		DB	42H	;	27	1BH	
2F1F	3B	2909		DB	3BH	;	28	1CH	
2F20	34	2910		DB	34H	;	29	1DH	
2F21	2E	2911		DB	2EH	;	30	1EH	
2F22	FF	2912		DB	ØFFH	;	31	1FH	
		2913	:			•	01	1, ,,	
2F23	00	2914	•	DB	0	;	32	20H	SPACE
2F24	E1	2915		DB	ØE1H	;	33		
2F25	D4	2916		DB	0D4H	•		21H	i i
2F26	C8	2917		DB	0C8H	,	34 75	22H	
2F27	BD	2918		DB	<b>GBDH</b>	į	35 24	23H	#
2F28	B2	2919		DB			36 73	24H	\$
2F29	A8	2920		DB	0B2H	;	37	25H	*
2F2R	9F	2921			0ASH	;	38	26H	&
2F2B	96	2922		DB	9FH	;	39	27H	
2F2C	8D	2923		DB	96H	;	40	28H	(
2F2D	85	2924		DB	8DH	;	41	29H	)
2F2E	FF			DB	85H	;	42	2AH	*
2F2F	77	2925		DB	0FFH	;	43	2BH	+
2F30	FF	2926		DB	77H	;	44	2CH	,
		2927		DB	0FFH	;	45	2DH	-
2F31	6A	2928		DB	6AH	;	46	2EH	•
2F32	64	2929		DB	64H	;	47	2FH	/
2F33	FF	2930		DB	0FFH	;	48	30H	0
2F34	FE	2931		DB	0FEH	;	49	31H	1
2F35	FE	2932		DB	0FEH	;	50	32H	2 3
2F36	FE	2933		DB	0FEH	;	51	33H	3
2F37	FE	2934		DB	0FEH	;	52	34H	4
2F38	FE	2935		DB	0FEH	;	53	35H	5
2F39	FE	2936		DB	0FEH	;	54	36H	5 6 7
2F3A	FE	2937		DB	0FEH	;	55	37H	
2F3B	2E	2938		DB	46	;	56	38H	8
2F30	2C	2939		DB	44	;	57	39H	9
2F3D	29	2940		DB	41	;	58	3 <b>A</b> H	:
2F3E	27	2941		DB	39	j	59	3BH	;
2F3F	25	2942		DB	37	į	60	3CH	<
2F40	22	2943		DB	34	;	61	3DH	=
2F41	20	2944		DB	32	;	62	3EH	>
2F42	1F	2945		DB	31	;	63	3FH	?
2F43	1D	2946		DB	29	;	64	40H	<b>e</b>
2F44	1B	2947		DB	27	;	65	41H	A
2F45	18	2948		DB	26	;	66	42H	В
2F46	18	2949		DB	24	;	67	43H	Č
2F47	17	2950		DB	23	;	68	44H	Ď
2F48	15	2951		DB	21	:	69	45H	E
2F49	14	2952		DB	20	:	70	46H	F
2F4A	13	2953		DB	19	:	71	47H	G
2F4B	12	2954		DB	18	:	72	48H	Н
2F4C	11	2955		DB	17	:	73	49H	I
					<b>→</b> •	,	, ,	7.71	4

	MCO CDOS Z80 Tiny Basic	ASSEMBLER ver 8/25/7		15	PA	GE 0053	
2F4D	10	2956	DB	16	• 74	AOU	•
2F4E	ØF	2957	DB	15	; 74	4RH	J
2F4F	0. 0E	2958	DB		; 75	4BH	K
2F50	0D	2959		14	: 76	4CH	L
2F51			DB BD	13	: 77	4DH	M
	0B	2960	DB	11	; 78	4EH	N
2F52	9A	2961	DB DB	10	<b>;</b> 79	4FH	0
2F53	<b>09</b>	2962	DB	9	; 80	50H	P
2F54	<b>0</b> 8	2963	DB	8	; 81	51H	Q
2F55	<b>07</b>	2964	DB	7	<b>3 82</b>	52H	R
2F56	<b>0</b> 6	2965	DB	6	: 83	53H	S
2F57	<b>05</b>	2966	DB	5	; 84	54H	T
2F58	<b>04</b>	2967	DB	4	<b>; 8</b> 5	55H	U
2F59	<b>0</b> 3	<b>29</b> 68	DB	3	: 86	56H	V
2F5A	02	2969	DB	2	<b>;</b> 87	57H	W
2F58	01	2970	DB	1	: 88	58H	X
2F50	64	2971	DB	64H	; 89	59H	γ
2F5D	5E	2972	DB	5EH	; 90	5AH	Z
2F5E	59	2 <del>9</del> 73	DB	59H	<b>:</b> 91	5BH	[
2F5F	54	2974	DB	54H	<b>;</b> 92	5CH	<b>\</b>
2F60	4F	2975	DB	4FH	; 93	5DH	3
2F61	48	2976	DB	4AH	; 94	5EH	<b>†</b>
2F62	46	2977	DB	46H	; 95	5FH	LEFT ARROW
2F63	42	2 <del>9</del> 78	DB	42H	<b>;</b> 96	60H	DOWN ARROW
2F64	3E	2979	DB	3EH	; 97	61H	RIGHT ARROW
2F65	FF	2980	DB	0FFH	; 98	62H	MULTIPLY SIGN
2F66	FF	2981	DB	0FFH	; 99	63H	DIVIDE SIGN
		2982 ;		• • • • • • • • • • • • • • • • • • • •	• ••	0011	D171DC 310H
		2983 ; 2984 ;		'ER TABLE, NO SH	IFT KEYS		
2F67	ØD	2985 L2F67	DB	CR	: GO		
2F68	01	2986	DB	1	; PAUS	E	
2F69	00	2987	DB	0	; HALT		
2F6A	<b>6</b> 3	2988	DB	63H	; DIVI	DE	
2F6B	37	2989	DB	<b>17</b> 1	; 7		
2F60	38	2990	DB	<b>′8′</b>	; 8		
2F6D	39	2991	DB	797	; 9		
2F6E	62	2992	DB	62H	; ×	(Multip	·19)
2F6F	34	2993	DB	44	; 4		
2F70	35	2994	DB	<b>′5′</b>	; 5		
2F71	36	2995	DB	<b>161</b>	; 6		
2F72	2D	2996	DB	121	; -		
2F73	31	<b>29</b> 97	DB	414	; 1		
2F74	32	2998	DB	<b>'2'</b>	; 2		
2F75	33	2999	DB	<b>′</b> 3′	; 3		
2F76	2B	3000	DB	747	; +		
2F77	20	3001	DB	/ /	; SPAC	E	
2F78	30	3002	DB	101	; 0	_	
2F79	1F	3003	DB	1FH	; ERAS	F	
2F7A	3D	3004	DB	/=/	; =	_	
		3005 ;			•		
		3006 ; 3007 ;	PORT 17	' SHIFT KEY (GRE	EN BACKG	ROUND)	
2F7B	87	3008	DB	0A7H	: Rank	around co	lor
2F70	ØD	3009	DB	CR	; 60	ar Duliu CC	/ <b>L</b> U)
2F7D	01	3010	DB	1	:		
2F7E	00	3011	DB	Ô	•		
2F7F	Ø1	3012	DB	1	•		
	<b>~</b>	was a de	UU.	4	•		

	MCO CDOS Z80 Tiny Basic	ASSEMBLER ver 8/25/79		02.1	.5				PAC	SE <b>00</b> 54
55.15	vivis busic	0, 20, 12								
2F80	41	3013	DB		181			;	4	
2F81	44	3014	DB		<b>1</b> 07			; [		
2F82	47	3015	DB		′G′			; (		
2F83	4Ĥ	3016	DB		'J'			;		
2F84	4D	3017	DB		'M'			;		•
2F85	50	3018	DB		/P/			; [		
2F86	53	3019	DB		<b>′</b> 5′			; 5	5	
2F87	56	3020	DB		707			; (	J	
2F88	59	3021	DB		/γ/			;	7	
2F89	5F	3022	DB		5FH			; [	EFT	ARROW
2F8A	5E	3023	DB		<b>/</b> †/				JP AF	ROW
2F8B	26	3024	DB		181				Š.	
2F80	24	3025	DB		<b>*</b> *				\$	
2F8D	30	3026	DB		<u> </u>			;		
2F8E	28	3027	DB		444			;		
2F8F	23	3028	DΒ		<b>/#</b> /			; ;	#	
		3029 ;								
		3030 :	PURI	16	SHIFT	KEY (	RED B	HC	(GROL	JND)
2500	er	3031 :	P.F.		orru.					
2F90 2F91	5F	3032 3033	DB		05FH					backsround
2F92	0D 2F	3033	DB		CR ZZZ				50	
2F93	2r 00	3034 3035	DB					-	/	
2F94	58	<b>30</b> 35 <b>30</b> 36	DB		0 ^[^			;	-	
2F95	42	3037	DB DB		/B/			;		
2F96	45	<b>303</b> 8	DB DB		Æ′				В	
2F97	48	<b>3</b> 039	DB		4H7				E H	
2F98	48	3040	DB		′K′				n K	
2F99	4E	3041	DB		'N'				N	
2F9A	51	3042	DB		′Q′				Q	
2F9B	54	3043	DB		171				Ť	
2F9C	57	3044	DB		/W/				M	
2F9D	5A	3045	DB		ريّر/				Ž	
2F9E	27	3046	DB		1111			;		
2F9F	2E	3047	DB		1.1			;		
2FA0	40	3048	DB		/e/			;	•	
2FA1	2C	3049	DB		1,1			_	,	
2FA2	22	3050	DB		141			;	**	
2FA3	3B	3051	DB		131			;	;	
2F84	25	3052	DB		1%			; ;	/.	
		3053 ;								
		3054 ;	PORT	15	SHIFT	KEY (	BLUE	BAG	CKGR	DUND)
arar	or.	3055 :	<b>.</b>							
2FA5	0F	3056	DB		0FH					background
2FA6	<b>0</b> 0	3057	DB		CR			5 (		
2FA7 2FA8	50 00	3058 3050	DB		^\			;	•	
2FA9	5D	3059 3040	DB		0			;	,	
2FAA	43	3060 3061	DB DB		131 101				]	
2FAB	46 46	3062	DB		1F1			ا ز   ز	C =	
2FAC	49	3063	DB		\I'			ا د ز		
2FAD	40	3064	DB		4			; ;		
2FAE	4F	3065	DB		<b>70</b> 7				0	
2FAF	52	3066	DB		′R′			;		
2FB0	55	3067	DB		νÛ/			; {		
2FB1	58	<b>30</b> 68	DB		/X/			;		
2FB2	21	3069	DB		47			;		
								-		

CROMEMCO CDOS Z80 Bally Tiny Basic	ASSEMBLER ver 8/25/79		15	PAGE 0055
2FB3 61	3070	DB	61H	; RIGHT ARROW
2FB4 60	3071	DB	60H	DOWN ARROW
2FB5 2A	3072	DB		; *
2FB6 3F	3073	DB		?
2FB7 3E	3074	DB		· •
2FB8 29	3075	DB	/)·	
2FB9 38	3076	DB	1:1	:
	3077 :			
	3078 ; 3079 ;	PORT 14	SHIFT KEY (WORDS)	)
2FBA 77	3080 L2FBA	DB	77H	; Color
2FBB 67	3081	DB		GO+10
2FBC 01	3082	DB		PAUSE
2FBD 6A	<b>30</b> 83	DB	6AH	; RUN
2FBE 68	<b>30</b> 84	DB		; LIST
2FBF 72	<b>30</b> 85	DB		; FOR
2FC0 77	3086	DB		; TO
2FC1 75	3087	DB	75H .	; STEP
2FC2 6B	<b>30</b> 88	DB		; NEXT
2FC3 6F	<b>30</b> 89	DB	6FH	; GOSUB
2FC4 70	3090	DB	70H	RETURN
2FC5 76	3091	DB	76H	; RND
2FC6 6D	3092	DB	6DH	; IF
2FC7 69	3093	DB	69H .	; CLEAR
2FC8 6C	3094	DB	6CH	; LINE
2FC9 71	3095	DB	71H .	; BOX
2FCA 6E	3096	DB	6EH	; GOTO
2FCB 01	3097	DB	1	;
2FCC 73	3098	DB	73H	; INPUT
2FCD 01	3099	DB	1	
2FCE 74	3100	DB	74H	; PRINT
	3101 ;			
	3102 ; 3103 ;	EXTRACT	BYTE (DE) FROM SI OR	CRATCHPAD
		EXTRACT		HIDDEN SCREEN AREA
2FCF 08	3106 L2FCF	EX	AF,AF'	
2FD0 CB7A	3107	BIT		
2FD2 2810	3108	JR		; Je if normal scratchead
2FD4 D5	3109	PUSH	DE	or in normal scraucheau
2FD5 EB	3110	EX	DE, HL	
2FD6 29	3111	ADD		Double the phones number
2FD7 7E	3112	LD		First set bits 7,5,3,1
2FD8 07	3113	RLCA		
2FD9 23	3114	INC	HL	
2FDA AE	3115	XOR	(HL)	
2FDB E6AA	3116	AND	ORAH	
2FDD RE	3117	XOR		; Then bits 6,4,2,0
2FDE 67	3118	LD	H, A	· · · · · · · · · · · · · · · ·
2FDF 08	3119	EX	AF,AF'	
2FE0 7C	3120	LD		; Byte value to A
2FE1 EB	3121	EX	DE, HL	
2FE2 D1	3122	POP	DE	; Don't mess up his pointer
2FE3 C9	3123	RET		
2FE4 08	3124 L2FE4			: Extract normal data
2FE5 1A	3125	LD	A, (DE)	
2FE6 C9	3126	RET		

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		3127 ;			
		3128 ;	DEPOSIT	BYTE AT	(HL) INTO SCRATCHPAD
		3129 ;			OR
		3130 ;	DEPOSIT	BYTE AT	(HL*2) INTO HIDDEN SCREEN AREA
		3131 ;			
2FE7	E5	3132 L2FE7	PUSH	HL	
2FE8	F5	3133	PUSH	AF	
2FE9	CB7C	3134	BIT	7.H	
2FEB	280E	3135	JR	Z,L2FFB	<pre> ; Jr if normal deposit.</pre>
2FED	29	3136	ADD	HL, HL	; Double his phoney number
2FEE	ØF	3137	RRCA		; Make bits 7,5,3,1 as
2FEF	AE	3138	XOR	(HL)	: 6,4,2,0 and set screen
2FF0	E655	3139	AND	55H	; Save screen bits
2FF2	AE	3140	XOR	(HL)	<pre>; and restore mine</pre>
2FF3	77	3141	LD	(HL),A	; Then place them away
2FF4	23	3142	INC	HL	
2FF5	F1	3143	POP	AF	
2FF6	F5	3144	PUSH	AF	; Now bits 6,4,2,0
2FF7	AE	3145	XOR	(HL)	; With screen bits
2FF8	E655	3146	AND	55H	
2FFA	AE	3147	XOR	(HL)	Combined with mine
2FFB	77	3148 L2FFB	LD	(HL),A	; For the screen area
2FFC	F1	3149	POP	AF	
2FFD	E1	3150	POP	HL	
2FFE	C9	3151	RET		
2FFF	FF	3152	DB	<b>ØFFH</b>	; SPARE CELL
3000	(0000)	3153	END		

ABS	2880	ASORRY	29AB	AWHAT	2974	BKC	4ER2	BOX	2227
BUFFER	4ED4	CHGSGN	291B	CHKSGN	2918	CK1	2936	CKHLDE	2930
CLEAR	<b>255</b> 0	COMP	2938	CR	000D	CRLF	2C7B	CSTRT	2454
CURRNT	4EC3	CX	4EA8	CY	4EAA	DEFLT	2777	DIVIDE	2983
DOLLAR	2194	DU1	290E	DU2	2910	ERROR	2977	EXEC	2512
EXPR2	2707	EXPR3	27F9	EXPR4	285E	EXXPR	277F	FC	<b>4E</b> 84
FI1	2963	FI2	2900	FIN	295C	FL2	29CE	FNDLN	29B0
FNDLNP	<b>29</b> B8	FNDNXT	29CD	FNDSKP	29CF	FOR	264A	FR4	2662
FR7	267B	GETLN	2BE1	GETLNA	2750	GOSUB	2614	GOTO	2590
IF	270A	INPUT	2723	IP2	2740	IP4	2745	IP5	274B
JX	28DC	JY	28E8	KN	2804	ΚP	23EF	L0206	0206
LØFFF	0FFF	L2003	2003	L201D	201D	L2023	2023	L2029	2029
L2035	2035	L203B	203B	L2040	2040	L2046	2046	L2062	2062
L2064	2064	L2082	20A2	L20B0	2080	L20BC	20BC	L2009	2009
L20E1	20E1	L20E3	20E3	L20F6	20F6	L2100	210D	L2116	2116
L2128	2128	L2129	2129	L2120	212C	L2133	2133	L2154	2154
L2159	2159	L2165	2165	L216B	216B	L216F	216F	L2172	2172
L2178	2178	L217B	217B	L2181	2181	L2188	2188	L2108	2108
L21FB	21FB	L21FF	21FF	L22 <b>0</b> 2	2202	L220D	220D	L2210	2210
L2215	2215	L2218	2218	L221C	221C	L2222	2222	L227D	227D
L2281	2281	L2284	2284	L2289	2289	L2291	2291	L229B	229B
L2281	2281	L22AA	2288	L22AE	22AE	L22B7	2287	L22BE	22BE
L22D0	22D0	L230E	230E	L2312	2312	L2315	2315	L2330	2330
L233B	233B	L2353	2353	L2363	2368	L236D	236D	L2378	2378
L237D	237D	L2384	2384	L238B	238B	L2397	2397	L23A2	23A2
L23A5	23A5	L23BD	23BD	L23D5	23D5	L23DA	230A	L23DC	23DC
L23DF	23DF	L23FA	23FA	L2409	2409	L2424	2424	L2427	2427
L242D	242D	L2430	2430	L2431	2431	L245A	245A	L2490	2498
L2496	2496	L24BD	24BD	L2538	2538	L253C	<b>25</b> 30	L253E	253E
L2540	2540	L2554	2554	L2562	2562	L2589	<b>25</b> 89	L25B1	2581
L2588	<b>25B</b> 8	L25CF	25CF	L25F8	25F8	L2603	2603	L2658	2658
L2670	2670	L2698	2698	L2686	2686	L26BE	26BE	L26D8	26D8
L26EE	26EE	L26FF	26FF	L2705	2705	L270B	270B	L272E	272E
L2755	2755	L280D	28CD	L28EE	28EE	L28F0	28F0	L28F2	<b>28</b> F2
L28F4	28F4	L28F6	28F6	L2946	2946	L2957	2957	L296A	296R
L29FB	29FB	L2A18	2818	L2A2A	2828	L2A31	2831	L2832	2832
L2A3E	2A3E	L284B	2848	L2A4F	2A4F	L2854	2854	L2A7B	2878
L2A81	2881	L2A93	2893	L2A9B	289B	L2AA5	2865	L2ABF	2ABF
L2AC1	2AC1	L2AE7	2AE7	L2AEB	2AEB	L2AEC	2REC	L2AFD	2AFD
L2B10	2810	L2B11	2811	L2B1B	2818	L2B26	<b>2B</b> 26	L2B2D	2B2D
L2B30	2B3C	L2B3D	2B3D	L2B48	2B48	L2B4E	284E	L2B58	2B58
L2BE4	2BE4	L28E5	2BE5	L2BED	2BED	L2005	2005	L2C0E	200E
L2017	2017	L2C27	2027	L2020	2020	L2C2F	2C2F	L2C49	2049
L2C4D	204D	L2063	2063	L2066	2066	L2075	2075	L2C7D	207D
L2C8D	208D	L2C90	2090	L2098	2098	L2098	2C98	L2CA3	2CA3
L2CB2	2CB2	L2CB8	2CB3	L2CBD	2CBD	L2006	<b>20</b> 06	L2CCF	2CCF
L2CDD	2CDD	L2CDF	2CDF	L2CE6	2CE6	L2CF9	2CF9	L2D01	2D01
L2DØF	2DØF	L2D2A	2D28	L2D2D	2020	L2D2E	202E	L2032	<b>2D32</b>
L2D35	2035	L2D47	2047	L2D4B	2D4B	L2D5B	2D5B	L2D67	2067
L2D71	2071	L2082	2D82	L2D89	2D89	L2DBC	2DBC	L2DC6	2DC6
L2DD1	2DD1	L2DDB	2DDB	L2DE8	2DE8	L2DF6	2DF6	L2DF7	2DF7
L2E1D	2E1D	L2E2A	2E2A	L2E40	2E40	L2E4E	2E4E	L2E55	2E55
L2E58	2E58	L2E5B	2E5B	L2E64	2E64	L2E70	2E70	L2E73	2E73
L2E79	2E79	L2E85	2E85	L2E89	2E89	L2EA7	2EA7	L2EBA	2EBA
L2EBB	2EBB	L2EBE	2EBE	L2EC2	2EC2	L2EC4	2EC4	L2EC9	2EC9
L2ECD	2ECD	L2EDØ	2EDØ	L2ED4	2ED4	L2EE0	2EE0	L2EEE	2EEE
L2EF3	2EF3	L2EF4	2EF4	L2EFC	2EFC	L2F02	2F02	L2F03	2F03

L2F09	2F09	L2F11	2F11	L2F1B	2F1B	L2F67	2F67	L2FBA	2FBA
L2FCF	2FCF	L2FE4	2FE4	L2FE7	2FE7	L2FFB	2FFB	L4000	4000
L4050	4050	L4DCØ	4DCØ	L4E20	4E20	L4E21	4E21	L4E22	4E22
L4E54	4E54	L4E55	4E55	L4E56	4E56	L4E57	4E57	L4E58	4E58
L4E59	4E59	L4E5A	4E5A	L4E5B	4E5B	L4E5C	4E5C	L4E5E	4E5E
L4E60	4E60	L4E62	4E62	L4E63	4E63	L4E64	4E64	L4E66	4E66
L4E6C	<b>4E</b> 6C	L4E6D	4E6D	L4EB0	4EB0	L4EB9	4EB9	L4EC2	4EC2
L4FCE	4FCE	L4FFF	4FFF	LF	000A	LINE	22D9	LIST	259B
LOPINC	4ECB	LOPLMT	4ECD	LOPLN	4ECF	LOPPT	4ED1	LOPVAR	4EC9
LPERR	2719	MU	2414	NEXT	269D	NT	4ER6	NX2	2701
PAREN	2889	PORTOC	000C	PORTØD	000D	PORTØE	000E	PORTOF	000F
PORT10	0010	PORT11	0011	PORT12	0012	PORT16	0016	PORT4	0004
PORT5	0005	PORT6	0006	PORT7	0007	PRØ	25E5	PR1	25F3
PR2	25DD	PR3	25FB	PR6	2608	PR8	2600	PRINT	25D3
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QTSTG	28F8	QWHAT	2973	RETURN	2634	RM	4EAE	RND	2894
RUN	2577	RUNNXL	257A	RUNSML	258A	RUNTSL	2583	SETVAL	2940
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START	2490	STKGOS	4EC5	STKINP	4EC7	STKLMT	4F5C	STUAL	252B
SZ	2887	TAB1	2B6B	TAB4	2BR2	TAB8	28CB	TAPEIN	2D9D
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XP25	27ED	XP26	27F0	XP31	27FC	XP32	2818	XP33	281F
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XF43	2891	XY	4EAC						

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CROMENCO CDOS Z80 ASSEMBLER version 02.15
CROSS REFERENCE LISTING
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