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1 CLEAR ;NT=0;LIST 2,6;GOTO/9
2 . VIDEO INSTRUCTIONS
1 CLEAR ;NT=0;LIST 2,6;GOTO 9
2 . VIDEO INSTRUCTIONS
3 . FOR EXTENDED BASIC 1.0
4 . NEW PROGRAM CONVENTIONS
5 . NEW [ ERASES ALL MEMORY]
6 . ZERO [ ZERO OUT VARIABLES A-Z]
7 . DEFAULT [ RESET DEVICE VARIABLES ]
8 . DATA [ INITIALIZE VARIABLES ]
9 GOSUB 10000;CLEAR ;LIST 12,15;GOTO 50
10 .
12 . NEW GRAFIX `
13 .
14 . CIRCLE [ X,Y,RADIUS,MODE ]
16 . SCROLL [ X,Y,XS,YS,NO.LINES ]
18 . SNAP [ X,Y,XS,YS,@(+) ]
20 . SHOW [ X,Y,SHOWMODE,@(+) ]
22 -----
24 .SHOWMODES a 0-PLOP
26 ." " a 1-OR
28 ." " a 2-XOR
30 .NEW MODES `
32 ." " a 0-NOTHING 4-PLOP 0
34 ." " a 1-XOR 1 5-PLOP 1
36 ." " a 2-XOR 2 6-PLOP 2
38 ." " a 3-XOR 3 7-PLOP 3
50 GOSUB 10000;CLEAR ;LIST 52,16;GOTO 100
52 . NEW VARIABLES \~/
54 .
56 .XL+XR [ LEFT+RIGHT GRAFIX WINDOW ]
58 .YT+YB [ TOP+BOTTOM GRAFIX WINDOW ]
60 .CL+CR [LEFT+RIGHT CHARACTER WINDOW]
62 .CT+CB [TOP+BOTTOM CHARACTER WINDOW]
64 . CF [ CHARACTER FONT ]
66 . CC [ CHARACTER COLOUR ]
68 . FA [ FORGROUND COLOUR 1 ]
70 . FB [ FORGROUND COLOUR 2 ]
72 . FC [ FORGROUND COLOUR 3 ]
74 . BC [ BACKGROUND COLOUR ]
76 . LC [ LAST CHARACTER ON SCREEN ]
78 . NB [ NUMBER BASE (BIN),(HEX) ]
80 . ! [ CONVERTS HEX-DEC. !2FF=767 ]
82 . ← [PUTTING A ← IN FRONT OF A VARIABLE WILL GIVE ITS ADDRESS]
100 GOSUB 10000;CLEAR ;LIST 110,15;GOTO 150
110 . KEYBOARD TOKENS
112 .
114 . A [ RND ]
116 . B [ BOX ]
118 . C [ CLEAR ]
120 . D [ DATA ]
122 . E [ EDIT ]
124 . F [ FOR ]
126 . G [ GOSUB ]
128 . H [ ERASE ]
130 . I [ INPUT ]
132 . J [ GOTO ]
134 . K [ IF ]
136 . L [ LIST ]
138 . M [ GO ]

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( PRELIMINARY )

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150 GOSUB 10000;CLEAR ;LIST 100,13;GOSUB 10000
160 . N [ NEXT ]
162 . O [ CIRCLE ]
164 . P [ PRINT ]
166 . Q [ SNAP ]
168 . R [ RETURN ]
170 . S [ STEP ]
172 . T [ TO ]
174 . U [ POINT ]
176 . V [ DEFAULT]
178 . W [ SHOW ]
180 . X [ RUN ]
182 . Y [ SCROLL ]
184 . Z [ ZERO ]
224 PRINT " TO SEE DEMONSTRATER, HIT GO KEY, TO RELIST ROUTINES PRESS
LIST KEY"
225 A=KP;IF A=13GOTO 500
226 IF A=89GOTO 1;GOTO 225
230 CB=38
500 CB=40;CLEAR ;PRINT "GRAFIX ROUTINES "
510 NT=5;PRINT "CIRCLE0,0,RND (40),RND (3)"
515 FOR Q=1TO 50
520 CIRCLE0,0,RND (40),RND (3);NEXT Q
522 GOSUB 5000
525 NT=5;PRINT "SCROLL0,0,80,25,60"
535 SCROLL0,0,22,55,80
536 PRINT "SCROLL0,0,55,22,80"
537 SCROLL0,0,55,22,80
538 GOSUB 5000
540 FOR C=1TO 25
545 CI.0,0,RND (50),RND (3);NEXT C
550 PRINT "SNAP0,0,12,12,@(5)"
560 SN.0,0,12,12,@(5)
565 GOSUB 5000
580 CLEAR ;PRINT "SHOWRND (100)-90,RND (80)-45,2,@(5)"
590 FOR T=-79TO 79STEP 10;FOR U=-50TO 50STEP 10;SHOWT,U,2,@(5)
595 NEXT U;NEXT T
600 GOSUB 5000
602 CLEAR
605 PRINT " NEW VARIABLES"
608 PRINT " GRAFIX WINDOW"
610 PRINT " XL=-20;XR=20;YT=20;YB=-20"
615 XL=-20;XR=20;YT=20;YB=-20
618 FOR X=1TO 50
620 CI.0,0,RND (55),RND (3);NEXT X
625 GOSUB 5000
630 PRINT "CL=0;CR=3;CT=40;CB=-50"
635 FOR L=1TO 3
638 NT=5
640 CL=0;CR=4;CT=40;CB=-50;PRINT " THIS DEMONSTRATES THE CHARACTER
WINDOW CONTROLS";NEXT L
650 GOSUB 5000
655 DE.
660 CLEAR ;PRINT " CHAR. FONT, CF=LARGE CF=SMALL";CF=LA.;PRINT "EXT. BASIC";GO
SUE 5000
670 CF=SM.;PRINT "EXT. BASIC";PRINT "PRESS GO TO RESTART";A=KP;GOTO1
5000 PRINT "HIT GO TO CONT.";A=KP;RETURN
10000 PRINT " PRESS GO TO CONTINUE";A=KP;RETURN

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