

Line

STATEMENT(S)

Comments

5 .CLOCK BY J. COUSINS
 6 .
 7 .
 10 CLEAR; BC=0; FC=22
 20 INPUT "HOURS" H
 30 IF H > 23 GOTO 20
 40 INPUT "MINUTES" M
 50 IF M > 59 GOTO 40
 60 INPUT "SECONDS" S
 70 IF S > 59 GOTO 60
 80 CLEAR
 90 FOR I=1 TO 70
 100 NEXT I; NT=0
 110 S=S+1
 120 IF S<=59 GOTO 180
 130 S=0; M=M+1
 140 IF M<=59 GOTO 180
 150 M=0; H=H+1
 160 IF H<=23 GOTO 180
 170 H=0; M=0; S=0
 180 CX=-1.2; CY=2.0; A=15
 190 IF H<13 A=0
 200 A=A+65
 210 TV=A; TV=7.7
 220 CX=-3.0; CY=0; T=H
 230 GOSUB 290
 240 TV=58; T=M
 250 GOSUB 290
 260 TV=58; T=S
 270 GOSUB 290
 280 NT=I; MU=76; GOTO 90
 290 A=ABS(T+I); B=R
 300 TV=A+48; TV=B+48
 310 RETURN

USE OF SHADED AREA IS FOR 2ND OR MORE LINES OF MULTI-LINE STATEMENTS

DO NOT ENTER A SPACE BETWEEN LINE # AND STATEMENT, THIS IS DONE BY THE UNIT

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5 .CONVERT HEX TO DECIMAL
 6 .BY ERNIE SAMS 3-1-79
 7 .
 10 CLEAR
 20 M=0; PRINT
 30 FOR H=0 TO 3
 40 PRINT "HEX #"
 50 K=KP
 52 IF K<47 GOTO 200
 54 IF K>70 GOTO 240
 56 IF K>57 IF K<65 GOTO 200
 60 TV=K; PRINT
 70 N=K-48
 80 IF K>57 N=N-7
 90 IF A=0 IF N>7 M=-32767;
 M=M+(4095+(N-7))+N-7;
 M=M-4096; IF N>8 M=M-1;
 GOTO 150
 100 IF A=0 IF N=8 GOTO 150
 110 IF A=0 M=M+(4096*N)
 120 IF A=1 M=M+(256*N)
 130 IF A=2 M=M+(16*N)
 140 IF A=3 M=M+(1*N)
 150 NEXT A
 160 PRINT; PRINT "THE DECIM
 AL # IS:"; M
 170 GOTO 20
 200 PRINT; TV=K; PRINT "IS A
 N. INVALID HEX #"; GOTO 40

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