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10 BORDER 0: PAPER 0: INK 3: C
LS
20 LET CT=0
30 LET CH=0
40 LET KL=.35
50 LET KTH=20
60 LET DT=0
100 GO SUB 3000
110 PRINT "SEQUENCE DE REGLAGE"
120 PRINT
130 PRINT "POUR PASSER A L'EXEC
UTION DU"
140 PRINT
150 PRINT "PROGRAMME TAPER: ENT
ER.": PRINT "facteur d'i
nertie thermique: ";KTH
160 PRINT AT 14,0;"TEMPERATURE
INTERIEURE:"
170 PRINT AT 16,0;"TEMPERATURE
EXTERIEURE:"
180 PRINT AT 18,0;"MISE EN ROUT
E CHAUDIERE TAPER: M"
190 PRINT AT 20,0;"ARRET DE LA
CHAUDIERE TAPER: A"
200 LET KBD=CODE INKEY$
210 GO SUB 1000
220 IF KBD=109 THEN GO SUB 2000
230 IF KBD=97 THEN GO SUB 3000
240 IF CH=0 THEN PRINT AT 10,0;
"CHAUDIERE ETEINTE."
250 IF CH=1 THEN PRINT AT 10,0;
"CHAUDIERE ALLUMEE."
260 IF KBD<>13 THEN GO TO 200
270 LET TIP=TI: CLS
300 INPUT "TEMPERATURE DESIREE
? puis ENTER":TD
310 CLS
320 PRINT "TEMPERATURE DESIREE:
";TD: PRINT "facteur d'
inertie thermique: ";KTH
330 PRINT AT 14,0;"TEMPERATURE
INTERIEURE:"
340 PRINT AT 16,0;"TEMPERATURE
EXTERIEURE:"
350 IF CH=0 THEN PRINT AT 10,0;
"CHAUDIERE ETEINTE."
360 IF CH=1 THEN PRINT AT 10,0;
"CHAUDIERE ALLUMEE."
370 LET TIP=TI: GO SUB 1000
380 LET DT=TD-TE
390 IF TD<=0 THEN GO SUB 3000
GO TO 350
400 IF CH=1 THEN GO TO 500
410 IF TIP>TI AND TI<(TD+(KTH*0
T)/1000) THEN GO SUB 2000
500 IF CH=0 THEN GO TO 600
510 IF TIP>TI AND TI>(TD-(KTH*0
T)/1000) THEN GO SUB 3000
600 GO TO 350
1000 LET AI=0: LET AE=0
1010 LET TI=0: LET TE=0
1020 FOR I=1 TO 100
1025 IF INKEY$<>" " THEN LET I=10
0: RETURN
1030 OUT 255,0
1040 LET AI=AI+IN 255
1050 LET AE=AE+IN 255
1060 NEXT I
1080 LET TI=INT (((AI/100)*KL)-
15)/10
1090 LET TE=INT (((AE/100)*KL)-
15)/10
1100 PRINT AT 14,25;TI
1110 PRINT AT 16,25;TE
1120 RETURN
2000 OUT 255,0
2010 FOR I=1 TO 3
2020 LET CT=IN 255
2030 NEXT I
2040 LET CH=1
2050 RETURN
3000 OUT 255,0
3010 FOR I=1 TO 4
3020 LET CT=IN 255
3030 NEXT I
3040 LET CH=0
3050 RETURN

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