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10 REM *****
20 REM * USO DE LAS INTERRUPCIONES *
30 REM * PARA SIMULAR MULTITAREA *
40 REM *****
50 :
60 MODE 1
70 GOSUB 5000:REM inicializacion
80 EVERY 50,3 GOSUB 4000
90 EVERY 50,2 GOSUB 3000
100 EVERY 50,1 GOSUB 2000
110 EVERY 50,0 GOSUB 1000
120 GOSUB 6020
130 WHILE p$(cp) <> "*"
140 GOSUB 6000:REM programa principal
150 WEND
160 GOTO 160
970 :
980 REM ** PROGRAMA NUMERO 1 **
990 :
1000 DI:p1=p1+1:IF a$(p1)="*" THEN k0=RE
MAIN(0):EI:RETURN
1010 PRINT#1,a$(p1);:EI:RETURN
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1970 :
1980 REM ** PROGRAMA NUMERO 2 **
1990 :
2000 DI:p2=p2+1:IF b$(p2)="*" THEN k1=RE
MAIN(1):EI:RETURN
2010 PRINT#2,b$(p2);:EI:RETURN
2970 :
2980 REM ** PROGRAMA NUMERO 3 **
2990 :
3000 DI:p3=p3+1:IF c$(p3)="*" THEN k2=RE
MAIN(2):EI:RETURN
3010 PRINT#3,c$(p3);:EI:RETURN
3970 :
3980 REM ** PROGRAMA NUMERO 4 **
3990 :
4000 p4=p4+1:IF d$(p4)="*" THEN k3=REMAI
N(3):RETURN
4010 PRINT#4,d$(p4);:RETURN
4970 :
4980 REM ** INICIALIZACION **
4990 :
5000 RESTORE
5010 WINDOW 1,40,20,25:WINDOW#1,1,20,1,1
0:WINDOW#2,21,40,11,19
5020 WINDOW#3,1,20,11,19:WINDOW#4,21,40,
1,10
5030 p1=0:p2=0:p3=0:p4=0:cp=0
5040 PAPER#0,1:PEN#0,0:CLS#0:PAPER#1,2:P
EN#1,3:CLS#1
5050 PAPER#2,3:PEN#2,1:CLS#2:PAPER#3,0:P
EN#3,1:CLS#3
5060 PAPER#4,1:PEN#4,3:CLS#4
5070 LOCATE 10,3:LOCATE#1,2,5:LOCATE#2,2
,5
5080 LOCATE#3,2,5:LOCATE#4,2,5
5090 DIM a$(20),b$(20),c$(20),d$(20),p$(
20)
5100 c=1:READ 1$:WHILE 1$<>="":a$(c)=1$
5110 READ 1$:c=c+1:WEND
5120 c=1:READ 1$:WHILE 1$<>="":b$(c)=1$
5130 READ 1$:c=c+1:WEND
5140 c=1:READ 1$:WHILE 1$<>="":c$(c)=1$
5150 READ 1$:c=c+1:WEND
5160 c=1:READ 1$:WHILE 1$<>="":d$(c)=1$
5170 READ 1$:c=c+1:WEND
5180 c=1:READ 1$:WHILE 1$<>="":p$(c)=1$
5190 READ 1$:c=c+1:WEND
5200 p1=0:p2=0:p3=0:p4=0:cp=0
5210 RETURN
5220 DATA P,R,O,G,R,A,M,A," ",N,U,M,E,R,
0,"":",","_",1,* ,=
5230 DATA P,R,O,G,R,A,M,A," ",N,U,M,E,R,
0,"":",","_",2,* ,=
5240 DATA P,R,O,G,R,A,M,A," ",N,U,M,E,R,
0,"":",","_",3,* ,=
5250 DATA P,R,O,G,R,A,M,A," ",N,U,M,E,R,
0,"":",","_",4,* ,=
5260 DATA P,R,O,G,R,A,M,A," ",P,R,I,N,C,
I,P,A,L,* ,=
5970 :
5980 REM ** PROGRAMA PRINCIPAL **
5990 :
6000 DI:cp=cp+1:IF p$(cp)="*" THEN cp=cp
-1:EI:RETURN
6010 PRINT#0,p$(cp);
6020 FOR t=1 TO 50:CALL &BD19:NEXT
6030 EI:RETURN

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