

PROGRAMA CARGADOR

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10 REM * PROGRAMA CARGADOR *      230 DATA 0,198,48,205,90,187,221      460 DATA 32,32,32,85,83,85,65
20 REM * DIRECTORIO DE DISCO *      240 DATA 126,9,203,127,40,5,205      470 DATA 82,73,79,58,255,32,32
30 REM *****                      250 DATA 145,160,24,3,205,151,160      480 DATA 32,68,73,83,80,79,78
40 REM                              260 DATA 221,126,10,203,127,40,4      490 DATA 73,66,76,69,46,255,126
50 FOR N=&A000 TO &A1A2              270 DATA 205,139,160,201,205,133,16      500 DATA 254,255,200,205,90,187,35
60 READ A:SUMA=SUMA+A                0      510 DATA 24,246,221,78,0,221,86
70 POKE N,A                          520 DATA 2,30,0,6,4,33,0
80 NEXT                              280 DATA 201,33,8,161,195,23,161      530 DATA 128,197,213,229,205,94,161
90 IF SUMA<>45424 THEN PRINT "ERROR  290 DATA 33,169,160,195,23,161,33      540 DATA 225,17,0,2,25,209,193
   EN DATAS"                          300 DATA 182,160,195,23,161,33,192      550 DATA 12,16,240,201,221,78,0
100 DATA 221,110,0,221,102,1,229     310 DATA 160,195,23,161,33,216,160      560 DATA 221,86,2,30,0,6,4
110 DATA 221,225,35,6,20,197,126     320 DATA 195,23,161,33,240,160,195      570 DATA 33,0,128,197,213,229,205
120 DATA 229,205,42,160,205,68,160   330 DATA 23,161,33,252,160,195,23      580 DATA 101,161,225,17,0,2,25
130 DATA 62,10,205,90,187,62,13      340 DATA 161,68,73,82,69,67,84      590 DATA 209,193,12,16,240,201,201
140 DATA 205,90,187,225,17,32,0      350 DATA 79,82,73,79,46,32,255      600 DATA 223,98,161,201,102,198,7
150 DATA 25,221,25,193,16,227,201    360 DATA 83,73,83,84,69,77,65      610 DATA 223,104,161,78,198,7,201
160 DATA 6,8,126,205,90,187,35       370 DATA 46,32,255,46,32,32,32      620 DATA 17,0,1,205,139,161,30
170 DATA 16,249,62,46,205,90,187     380 DATA 83,79,76,79,32,76,69      630 DATA 0,22,0,223,148,161,223
180 DATA 6,3,126,203,191,205,90      390 DATA 67,84,85,82,65,46,32      640 DATA 151,161,48,7,58,81,190
190 DATA 187,35,16,247,201,221,126   400 DATA 32,32,32,32,32,255,46      650 DATA 50,161,161,175,50,160,161
200 DATA 0,254,229,32,11,221,126     410 DATA 32,32,32,76,69,67,84      660 DATA 17,0,10,123,223,154,161
210 DATA 1,254,229,194,157,160,195   420 DATA 85,82,65,47,69,83,67      670 DATA 122,223,157,161,201,108,19
220 DATA 127,160,205,163,160,221,12  430 DATA 82,73,84,85,82,65,46      7
230 DATA 82,82,65,68,79,46,255      440 DATA 32,255,32,32,32,66,79      680 DATA 7,114,202,7,3,198,7
6      450 DATA 82,82,65,68,79,46,255      690 DATA 99,199,7,0,0,82,229
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PROGRAMA GENERAL

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10 REM * DIRECTORIO DE DISCOS *
20 REM *****
30 REM
40 REM
50 MODE 2:MEMORY &7FFF:LOAD"DIREBIN",&A000
60 WINDOW #1,1,80,22,25:WINDOW #0,7,80,1,21:WINDOW #2,1,4,1,20
70 PAPER #1,1:PEN #1,0:PAPER #2,1:PEN #2,0:CLS #1:CLS #2
80 CLS :PRINT #1,"PON UN DISCO FORMATEADO EN EL DRIVE A Y PULSA UNA TECLA"
90 CLEAR INPUT
100 WHILE INKEY$="" :WEND
110 CLS #1:CALL &A16C:IF PEEK(&A1A0)<>0 THEN 80
120 S=193:T=0:F=PEEK(&A1A1):IF F<9 THEN S=1:T=1
130 IF F<74 THEN S=65:T=2
140 PAG=1:DIREC=&8000
150 CALL &A121,T,S:GOSUB 460
160 IF INKEY(15)=0 THEN GOTO 470
170 IF INKEY(13)=0 THEN GOTO 480
180 IF INKEY(14)=0 THEN GOTO 550
190 IF INKEY(5)=0 THEN GOTO 570
200 IF INKEY(20)=0 THEN GOTO 590
210 IF INKEY(12)=0 THEN GOTO 610
220 IF INKEY(4)=0 THEN GOTO 630
230 IF INKEY(10)=0 THEN GOTO 640
240 IF INKEY(11)=0 THEN GOTO 740
250 IF INKEY(3)=0 THEN GOTO 780
260 IF INKEY(53)=0 THEN CLEAR INPUT:MODE 1:END
270 IF INKEY(34)=0 THEN MODE 2:RUN 60
280 GOTO 160
290 END
300 LOCATE #1,1,1:PRINT #1,"F0 - RECUPERAR FICHERO"
310 LOCATE #1,1,2:PRINT #1,"F1 - BORRAR FICHERO"
320 LOCATE #1,1,3:PRINT #1,"F2 - PONER EN DIRECTORIO"
330 LOCATE #1,1,4:PRINT #1,"F3 - PONER EN SISTEMA"
340 LOCATE #1,27,1:PRINT #1,"F4 - PONER EN SOLO LECTURA"
350 LOCATE #1,27,2:PRINT #1,"F5 - PONER EN LECTURA/ESCRITURA"
360 LOCATE #1,27,3:PRINT #1,"F6 - CAMBIAR USUARIO"
370 LOCATE #1,27,4:PRINT #1,"F7 - CAMBIAR NOMBRE"
380 LOCATE #1,60,1:PRINT #1,"F8 - OTRA PAGINA"
390 LOCATE #1,60,2:PRINT #1,"F9 - GRABAR CAMBIOS"
400 LOCATE #1,60,3:PRINT #1,"0 - OTRO DISCO"
410 LOCATE #1,60,4:PRINT #1,"F - FIN PROGRAMA"
420 RETURN
430 CLS #2:LOCATE 1,1:X=1:PAG#20-20:FOR N=X TO X+19
440 IF N>64 THEN RETURN
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450 N$=STR$(N):PRINT #2,N$:NEXT:RET  
URN  
460 CLS #0:LOCATE 1,1:CALL &A000,DI  
REC:GOSUB 430:GOSUB 300:RETURN  
470 GOSUB 490:POKE D,0:GOSUB 460:GO  
TD 160  
480 GOSUB 490:POKE D,&E5:GOSUB 460:  
GOTO 160  
490 CLEAR INPUT:CLS #1:LOCATE #1,1,  
1:INPUT #1,"NUMERO DE FICHERO";A  
500 IF A<0 OR A>60 THEN GOTO 490  
510 IF A>20 THEN A=A-20:GOTO 510  
520 D=DIREC+A*32-32:RETURN  
530 CLEAR INPUT:CLS #1:LOCATE #1,1,  
1:INPUT #1,"NUEVO USUARIO";U:IF U<0  
OR U>15 THEN 530  
540 RETURN  
550 GOSUB 490:POKE (D+10),(PEEK(D+1  
0) AND 127)  
560 GOSUB 460:GOTO 160  
570 GOSUB 490:POKE (D+10),(PEEK(D+1  
0) OR 128)
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580 GOSUB 460:GOTO 160  
590 GOSUB 490:POKE (D+9),(PEEK(D+9)  
OR 128)  
600 GOSUB 460:GOTO 160  
610 GOSUB 490:POKE (D+9),(PEEK(D+9)  
AND 127)  
620 GOSUB 460:GOTO 160  
630 GOSUB 490:GOSUB 530:POKE D,U:GO  
SUB 460:GOTO 160  
640 GOSUB 490:CLEAR INPUT:CLS #1:LO  
CATE #1,1,1:INPUT #1,"NUEVO NOMBRE"  
;N$  
650 IF LEN(N$)=0 OR LEN(N$)>12 THEN  
640  
660 P=INSTR(1,N$,CHR$(46)):IF INSTR  
(P+1,N$,CHR$(46))<>0 THEN 640  
670 L=LEN(N$):IF P=0 THEN P=L+1  
680 NV$=LEFT$(N$,P-1):EX$=MID$(N$,P  
+1,L)  
690 IF LEN(NV$)>8 OR LEN(EX$)>3 THE  
N 640
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700 IF LEN(NV$)<8 THEN NV$=NV$+" ":  
GOTO 700  
710 IF LEN(EX$)<3 THEN EX$=EX$+" ":  
GOTO 710  
720 NE$=UPPER$(NV$+EX$)  
730 FOR N=1 TO 11:POKE (D+N),ASC(MI  
D$(NE$,N,1)):NEXT:GOSUB 460:GOTO 16  
0  
740 PAG=PAG+1:IF PAG=5 THEN PAG=1  
750 IF PAG=4 THEN POKE &A00B,4 ELSE  
POKE &A00B,20  
760 DIREC=&8000+PAG*640-640  
770 GOSUB 460:GOTO 160  
780 CLEAR INPUT:CLS #1:LOCATE #1,30  
,1:PRINT #1,"SEGURO (S/N)"  
790 A$=INKEY$  
800 IF A$="" THEN 790  
810 IF UPPER$(A$)<>"S" THEN GOSUB 4  
60:GOTO 160  
820 CALL &A13F,T,S:GOSUB 460:GOTO 1  
60
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PROGRAMA ENSAMBLADOR

1	ORG #A000		
2		49 JP NZ,P_BOR	96 SYSTE: DEFM "SISTEMA."
3		50 JP P_DISP	97 DEFB 255
4	*** DIRECTORIO DE DISCO ***	51 PP11: CALL P_USE	98 RONLY: DEFM " SOLO LECTURA."
5		52 LD A,(IX+0)	99 DEFB 255
6		53 ADD A,48	100 RWBIT: DEFM " LECTURA/ESCRITURA."
7		54 CALL #BBSA	101 DEFB 255
8	LD L,(IX+0)	55 LD A,(IX+9)	102 BORRA: DEFM " BORRADO."
9	LD H,(IX+1)	56 BIT 7,A	103 DEFB 255
10	PUSH HL	57 JR Z,PP13	104 USER: DEFM " USUARIO:"
11	POP IX	58 CALL P_RON	105 DEFB 255
12	INC HL	59 JR PP14	106 DISPO: DEFM " DISPONIBLE."
13	LD B,20	60 PP13: CALL P_RWR	107 DEFB 255
14	BUCLE: PUSH BC	61 PP14: LD A,(IX+10)	108
15	LD A,(HL)	62 BIT 7,A	109
16	PUSH HL	63 JR Z,PP15	110 PRINT: LD A,(HL)
17	CALL P_NOM	64 CALL P_SIS	111 CP 255
18	CALL P_DAT	65 RET	112 RET Z
19	LD A,10	66 PP15: CALL P_DIR	113 CALL #BBSA
20	CALL #BBSA	67 RET	114 INC HL
21	LD A,13	68	115 JR PRINT
22	CALL #BBSA	69	116
23	POP HL	70 P_DISP: LD HL,DISPO	117
24	LD DE,32	71 JP PRINT	118
25	ADD HL,DE	72	119 LEEDIR: LD C,(IX+0)
26	ADD IX,DE	73 P_DIR: LD HL,DIREC	120 LD D,(IX+2)
27	POP BC	74 JP PRINT	121 LD E,0
28	DJNZ BUCLE	75	122 DIRTY: LD B,4
29	RET	76 P_SIS: LD HL,SYSTE	123 LD HL,#8000
30	P_NOM: LD B,8	77 JP PRINT	124 DR001: PUSH BC
31	BUC: LD A,(HL)	78	125 PUSH DE
32	CALL #BBSA	79 P_RON: LD HL,RONLY	126 PUSH HL
33	INC HL	80 JP PRINT	127 CALL READ
34	DJNZ BUC	81	128 POP HL
35	LD A,"."	82 P_RWR: LD HL,RWRIT	129 LD DE,512
36	CALL #BBSA	83 JP PRINT	130 ADD HL,DE
37	LD B,3	84	131 POP DE
38	BUC1: LD A,(HL)	85 P_BOR: LD HL,BORRA	132 POP BC
39	RES 7,A	86 JP PRINT	133 INC C
40	CALL #BBSA	87	134 DJNZ DR001
41	INC HL	88 P_USE: LD HL,USER	135 RET
42	DJNZ BUC1	89 JP PRINT	136 WRIDIR: LD C,(IX+0)
43	RET	90	137 LD D,(IX+2)
44	P_DAT: LD A,(IX+0)	91	138 LD E,0
45	CP #E5	92	139 DIRWR: LD B,4
46	JR NZ,PP11	93	140 LD HL,#8000
47	LD A,(IX+1)	94 DIREC: DEFM "DIRECTORIO."	141 DW001: PUSH BC
48	CP #E5	95 DEFB 255	142 PUSH DE
			143 PUSH HL
			144 CALL WRITE
			145 POP HL
			146 LD DE,512
			147 ADD HL,DE
			148 POP DE
			149 POP BC
			150 INC C
			151 DJNZ DW001
			152 RET
			153 RET
			154 READ: RST #18
			155 DEFW DREAD
			156 RET
			157 DREAD: DEFB #66,#C6,7
			158 WRITE: RST #18
			159 DEFW DWBIT
			160 DWBIT: DEFB #4E,#C6,7
			161 RET
			162 TYPE: LD DE,#0100
			163 CALL DISC1
			164 LD E,0
			165 LD D,0
			166 RST #18
			167 DEFW DIR1
			168 RST #18
			169 DEFW DIR2
			170 JR NC,DISC3
			171 LD A,(#BES1)
			172 LD (STORE1),A
			173 XOR A
			174 DISC3: LD (STORE2),A
			175 LD DE,#0A00
			176 DISC1: LD A,E
			177 RST #18
			178 DEFW DIR3
			179 LD A,D
			180 RST #18
			181 DEFW DIR4
			182 RET
			183
			184 DIR1: DEFB #6C,#C5,7
			185 DIR2: DEFB #72,#CA,7
			186 DIR3: DEFB 3,#C6,7
			187 DIR4: DEFB #63,#C7,7
			188 STORE2: DEFS 1
			189 STORE1: DEFS 1