

```

10 ' Maquina de Escribir
20 ' AMSTRAD USER 1985
30 '
40 DEFINT F,I,P,S,X: KEY DEF 18,1:KEY 139,"CLG:GOTO 1170"+CHR$(13)
50 REM ON ERROR GOTO 130:KEY 140,"":KEY DEF 68,1,140
60 MODE 2:BORDER 26:INK 0,26:INK 1,13:PAPER 0:PEN 1:GOSUB 1340
70 OPENOUT "FILEBUF":MEMORY HIMEM-1:CLOSEOUT
80 SOUND 1,20:PRINT#4,"QUIERE LEER UN ARCHIVO EXTERNO (S/N):"
90 F$=INKEY$:IF F$="" THEN 90
100 IF UPPER$(F$)="S" THEN 140
110 IF UPPER$(F$)="N" THEN 190
120 GOTO 90
130 SOUND 1,200:PRINT#4,"ENTRADA NO VALIDA!":FOR T=1 TO 2000:NEXT:RESU
ME
140 SOUND 1,20:INPUT#4,"INTRODUZCA EL NOMBRE DEL FICHERO";G$
150 SOUND 1,20:PRINT#4,"INSERTE EL DISCO O LA CINTA Y PULSE UNA TECLA.
"
160 IF INKEY$="" THEN 160
170 WINDOW SWAP 0,4:OPENIN G$:INPUT#9,L,PW:MXL=INT(70000/PW):DIM TEXT$(
MXL)
180 FOR X=1 TO L:INPUT#9,TEXT$(X):NEXT:CLOSEIN:WINDOW SWAP 0,4:GOTO 11
70
190 SOUND 1,20:INPUT#4,"ANCHO DE LA IMPRESORA (10-70)";PW
200 IF PW<10 OR PW>70 THEN 190
210 MXL=INT(70000/PW):DIM TEXT$(MXL):F=0:B=24:K=0:GOSUB 1340
220 GOSUB 270:FOR X=1 TO MXL:GOSUB 1490:IF F=1 THEN 1170
230 IF K=1 THEN 250
240 NEXT
250 SOUND 1,200:PRINT#4,"NO PUEDO SEGUIR. - DEMASIADAS LINEAS."
260 FOR T=1 TO 3000:NEXT:GOTO 1170
270 PRINT#4,"F=FIN DEL TEXTO"
280 PRINT#2,STRING$(23,60);:RETURN
290 '
300 ' IMPRESION
310 '
320 IF L=0 THEN 1310
330 SOUND 1,20:PRINT#4,"IMPRIMO TODO EL DOCUMENTO (S/N):"
340 H=0:B$=INKEY$:IF B$="" THEN 340
350 IF UPPER$(B$)="S" THEN START=1:FINISH=L:GOTO 390
360 IF UPPER$(B$)="N" THEN GOSUB 1630
370 IF H=1 THEN 390
380 GOTO 340
390 PRINT#4,"LA IMPRESORA NO ESTA CONECTADA":SOUND 1,200:PRINT#8,CHR$(
13);
400 SOUND 129,0:WIDTH PW:CLG:FOR X=START TO FINISH :PRINT#4,"LINEA";X
410 PRINT#8,TEXT$(X):GOSUB 1390:NEXT
420 SOUND 1,20:PRINT#4,"REPITO LA IMPRESION (S/N)?"
430 C$=INKEY$:IF C$="" THEN 430
440 IF UPPER$(C$)="S" THEN 390
450 IF UPPER$(C$)="N" THEN 1170
460 GOTO 430
470 '
480 ' PANTALLA
490 '
500 CLG:IF L=0 THEN 1310
510 SOUND 1,20:CLS#4:LOCATE#4,20,1:PRINT#4,1;SPC(3)"[ENTER]":LOCATE#4,
1,1
520 INPUT#4,"MUESTRO DESDE LA LINEA ";START:IF START=0 THEN START=1
530 IF START>L OR START<0 THEN 510
540 PRINT#4,"PULSAR ESPACIO PARA MOSTRAR"SPC(35)"T=PARA TERMINAR";
550 SOUND 1,20:FOR X=START TO L

```

```

560 E$=INKEY$:IF E$="" THEN 560
570 IF E$=" " THEN 600
580 IF UPPER$(E$)="T" THEN 1170
590 GOTO 560
600 GOSUB 1390:NEXT:GOTO 1170
610 '
620 ' VOLVER A TECLEAR
630 '
640 IF L=0 THEN 1310
650 SOUND 1,20:INPUT#4,"INTRODUZCA EL NUMERO DE LINEA QUE VA A VOLVER
A TECLEAR";X
660 IF X<1 OR X>L THEN 650
670 PAPER#3,1:PEN#3,0:GOSUB 1390:LOCATE #3,1,24:LOCATE#0,1,24
680 PRINT#3,"TECLEE:>";:GOSUB 280:PAPER#3,0:PEN#3,1
690 LINE INPUT#0,"",TEXT$(X):CLG:GOSUB 1390:GOTO 1170
700 '
710 ' INTRODUCIR NUEVO TEXTO
720 '
730 IF L=0 THEN 1310
740 CLG:IF L>5 THEN S=(L-4) ELSE S=1
750 FOR X=S TO L:GOSUB 1390:NEXT:GOSUB 270
760 F=0:B=24:FOR X=(L+1) TO MXL:GOSUB 1490:IF F=1 THEN 1170
770 IF K=1 THEN 250
780 NEXT:GOTO 250
790 '
800 ' ALMACENAR
810 '
820 IF L=0 THEN 1310
830 SOUND 1,20:INPUT#4,"TECLEE EL NOMBRE DEL ARCHIVO";G$
840 SOUND 1,20:PRINT#4,"INSERTE EL DISCO O CINTA Y PULSE UNA      TECLA"
850 IF INKEY$="" THEN 850
860 WINDOW SWAP 0,4:OPENOUT G$:WRITE#9,L,PW:FOR X=1 TO L
870 WRITE#9,TEXT$(X):NEXT:CLOSEOUT:WINDOW SWAP 0,4:GOTO 1170
880 '
890 ' INSERTAR
900 '
910 IF L=0 THEN 1310
920 SOUND 1,20:INPUT#4,"INSERTAR DESPUES DE QUE LINEA ";START
930 IF START<0 OR START>L THEN 920
940 SOUND 1,20:INPUT#4,"CUANTAS LINEAS (MAX 50) ";I:IF I>50 THEN 940
950 FOR X=L TO START+1 STEP -1:TEXT$(X+I)=TEXT$(X):NEXT:L=L+I
960 FOR X=START+1 TO START+I :TEXT$(X)="" :NEXT:CLG
970 PRINT#4,"LINEAS INSERTADAS ="I:FOR T=1 TO 1000:NEXT:Y=L
980 SOUND 1,20:PRINT#4,"QUIERE TECLEAR EL TEXTO (S/N):"
990 I$=INKEY$:IF I$="" THEN 990
1000 IF UPPER$(I$)="S" THEN 1030
1010 IF UPPER$(I$)="N" THEN 1170
1020 GOTO 990
1030 IF START>5 THEN V=(START-4) ELSE V=1
1040 FOR X=V TO START:GOSUB 1390:NEXT:GOSUB 270
1050 F=0:B=24:FOR X=START+1 TO START+I:GOSUB 1490:L=Y
1060 IF F=1 THEN TEXT$(X)="" :GOTO 1170
1070 IF K=1 THEN 250
1080 NEXT:SOUND 1,20:PRINT#4,"INSERCIION TERMINADA":FOR T=1 TO 2000:NEX
T:GOTO 1170
1090 '
1100 ' CORTAR
1110 '
1120 IF L=0 THEN 1310
1130 GOSUB 1650:PRINT#4,SPC(45)"TRABAJANDO - POR FAVOR ESPERE!"
1140 FOR N=1 TO (FINISH-START)+1:FOR X=START TO L:TEXT$(X)=TEXT$(X+1):N

```



```

EXT
1150 L=L-1:LOCATE#4,1,1:PRINT#4,"ORDENANDO LINEA ";X SPC(3):NEXT:CLG
1160 '
1170 ' MENU
1180 '
1190 GOSUB 1340:SOUND 1,20:PRINT#4,"ELIJA:>";
1200 PRINT#4,TAB(12)"M=MOstrar P=IMPRINIR V=CORREGIR A=AGREGAR C=CORTA
R G=GUARDAR I=INSERTAR"
1220 A$=INKEY$:IF A$="" THEN 1220
1230 IF UPPER$(A$)="I" THEN 480
1240 IF UPPER$(A$)="P" THEN 300
1250 IF UPPER$(A$)="V" THEN 620
1260 IF UPPER$(A$)="A" THEN 710
1270 IF UPPER$(A$)="C" THEN 1100
1280 IF UPPER$(A$)="G" THEN 800
1290 IF UPPER$(A$)="I" THEN 890
1300 GOTO 1220
1310 SOUND 1,200:PRINT#4,"NO HAY NADA EN MEMORIA"
1320 FOR T=1 TO 2000:NEXT:GOTO 740
1330 '
1340 ' DEFINICION DE VENTANAS
1350 '
1360 WINDOW #0,9,(PW+8),3,25:WINDOW#2,(PW+9),(PW+9),3,25:WINDOW#3,1,8,
3,25
1370 WINDOW#4,1,79,1,1:PAPER#4,1:PEN#4,0:CLS#4:RETURN
1380 '
1390 ' RUTINA DE MOSTRAR EN PANTALLA
1400 '
1410 LOCATE#0,1,24:LOCATE#3,1,24
1420 PRINT#3,X:PRINT#3,TAB(8)">";:LT=LEN(TEXT$(X))
1430 IF INT(LT/PW)=LT/PW AND LT>0 THEN PRINT #0,TEXT$(X);
1440 IF INT(LT/PW)<>LT/PW OR LT=0 THEN PRINT#0,TEXT$(X)
1450 IF INT(LT/PW)<>LT/PW AND LT>PW THEN FOR N=1 TO INT(LT/PW):PRINT#3
:NEXT
1460 IF INT(LT/PW)=LT/PW AND LT>PW THEN FOR N=1 TO (INT(LT/PW)-1):PRIN
T#3:NEXT
1470 RETURN
1480 '
1490 ' SUBROUTINA DE ENTRADA DE LINEAS
1500 '
1510 COUNT=INT((FRE(0)-1000)/PW)
1520 IF COUNT<1 THEN CLS#2:CLS#3:K=1:RETURN
1530 LOCATE #4,44,1:PRINT#4,"NUMERO DE LINEAS LIBRES="COUNT;SPC(3)
1540 LOCATE#3,1,24:LOCATE #0,1,B
1550 PRINT#3,X:PRINT#3,TAB(8)">";:LINE INPUT#0,"",TEXT$(X)
1560 L=X:IF UPPER$(TEXT$(X))="F" THEN L=X-1:F=1:RETURN
1570 LT=LEN(TEXT$(X)):B=24
1580 IF INT(LT/PW)=LT/PW AND LT>0 THEN B=23
1590 IF INT(LT/PW)=LT/PW AND LT>PW THEN FOR N=1 TO (INT(LT/PW)-1):PRIN
T#3:NEXT
1600 IF INT(LT/PW)<>LT/PW AND LT>PW THEN FOR N=1 TO INT(LT/PW):PRINT#3
:NEXT
1610 RETURN
1620 '
1630 ' SUBROUTINA INICIO/FINAL
1640 '
1650 SOUND 1,20:INPUT#4,"COMIENZO EN LINEA ";START
1660 IF START<1 OR START>L THEN 1650
1670 SOUND 1,20:INPUT#4,"NUMERO DE LA ULTIMA LINEA ";FINISH
1680 IF FINISH<START OR FINISH>L THEN 1670
1690 H=1:RETURN

```