```
10 REM            Disc Library
20 REM          by Vesa Polkki
30 REM  (c) Computing with the Amstrad
40 REM ************** CPC **************
50 MODE 2:BORDER 0:INK 0,1:INK 1,26
60 GOSUB 1980:GOSUB 1930
70 REM *********** MAIN MENU ***********
80 WHILE 1:MODE 2
90 PRINT TAB(17)CHR$(24)"D I S C    L I
B R A R Y"CHR$(24)
100 LOCATE 1,3
110 PRINT"The program reads the director
ies of your discs"
120 PRINT"and produces a catalogue in al
phabetic order."
130 LOCATE 60,1:PRINT flnum;" files."
140 LOCATE 1,6:PRINT select$
150 PRINT:PRINT TAB(8)"1) Load catalogue
 from disc."
160 PRINT:PRINT TAB(8)"2) Add disc direc
tory to catalogue."
170 PRINT:PRINT TAB(8)"3) Print catalogu
e on the screen."
180 PRINT:PRINT TAB(8)"4) Send catalogue
 to printer."
190 PRINT:PRINT TAB(8)"5) Save catalogue
 on disc."
200 PRINT:PRINT TAB(8)"6) Erase one disc
 side from catalogue."
210 PRINT:PRINT TAB(8)"7) Erase or pick
out one file type from catalogue."
220 PRINT:PRINT TAB(8)"8) Clear catalogu
e from memory."
230 PRINT:PRINT TAB(8)"9) Look for named
 file."
240 x$=INKEY$:IF x$="" THEN 240
250 IF ASC(x$)<49 OR ASC(x$)>57 THEN 240
260 dum=FRE(""):PRINT:PRINT:PRINT:PRINT
270 cvx=VAL(x$):IF cvx=1 THEN GOSUB 1770
280 ON cvx GOSUB 810,300,1120,1250,1000,
530,1610,1770,1800
290 WHILE INKEY$<>"":WEND:WEND
300 REM ******** READ DIRECTORY ********
310 IF flnum>990 THEN PRINT"Not enough r
oom":FOR t=1 TO 3000:NEXT:RETURN
320 luku=1
330 PRINT"Insert disc to be read."
340 PRINT"Type disc name (maximum length
 8 charaters)."
350 PRINT"Cancel = RETURN."
360 INPUT levy$:IF LEN(levy$)>8 THEN 340
370 IF levy$="" THEN 520
380 levy$=CHR$(32)+UPPER$(levy$)+SPACE$(
8-LEN(levy$))
390 PRINT"Type disc side (A or B)."
400 INPUT puoli$:puoli$=CHR$(32)+UPPER$(
puoli$)
410 IF puoli$<>" A" AND puoli$<>" B" THE
N 390
420 PRINT"Read all USER sections (Y or N
) ?"
430 INPUT userit$
440 IF UPPER$(userit$)<>"Y" AND UPPER$(u
serit$)<>"N" THEN 420
450 userit=0:IF UPPER$(userit$)="Y" THEN
 userit=15
460 PRINT:PRINT"... labouring ..."
470 FOR user=userit TO 0 STEP -1
480 |USER,user
490 user$=RIGHT$(STR$(user),2)
500 GOSUB 580:IF luku=1 THEN GOSUB 680:G
OSUB 1480
510 NEXT user
520 RETURN
530 REM ****** ERASE ONE DISC SIDE *****
540 REM ******   FROM CATALOGUE    *****
550 PRINT"Erase a disc side from catalog
ue."
560 luku=0:GOSUB 340
570 RETURN
580 REM ******** ERASE DISC SIDE *******
590 j=1:pois=0
600 WHILE j+pois<=flnum
610 xz=0:|READREC,j+pois,@rec$:IF MID$(r
ec$,13,13)=levy$+puoli$+user$ THEN xz=1
620 IF xz=1 THEN pois=pois+1:IF j+pois<=
flnum THEN 610
630 |RECCOPY,j,j+pois
640 j=j+1
650 WEND
660 flnum=flnum-pois
670 RETURN
680 REM ** COPY DIRECTORY FROM SCREEN **
690 MODE 2:CAT:paikka=0
700 FOR x=1 TO 61 STEP 20:y=4
710 file$=""
720 LOCATE x,y:|COPYCHAR,@cpy$
730 IF cpy$=CHR$(32) THEN 790
740 FOR i=x TO x+11:LOCATE i,y
750 |COPYCHAR,@cpy$:file$=file$+cpy$
760 NEXT
770 file$=file$+levy$+puoli$+user$:
780 paikka=paikka+1:puskuri$(paikka)=fil
e$:y=y+1:GOTO 710
790 NEXT x
800 RETURN
810 REM ******** LOAD FROM DISC ********
820 CAT
830 PRINT"Type filename to be loaded!"
840 PRINT"Cancel = RETURN."
850 INPUT tiedosto$
860 IF tiedosto$="" THEN 940
870 OPENIN tiedosto$:PRINT:PRINT"... lab
ouring ..."
880 IF flnum>0 THEN GOSUB 950:GOTO 930
890 flnum=1
900 INPUT#9,rec$:|WRITEREC,flnum,@rec$
910 IF rec$<>SPACE$(25) THEN flnum=flnum
+1:GOTO 900
920 flnum=flnum-1
930 CLOSEIN
940 RETURN
950 paikka=1
960 INPUT#9,puskuri$(paikka)
970 IF puskuri$(paikka)=SPACE$(25) THEN
paikka=paikka-1:GOSUB 1480:GOTO 990
980 IF paikka<64 THEN paikka=paikka+1:GO
TO 960:ELSE GOSUB 1480:GOTO 950
990 RETURN
1000 REM ********* SAVE TO DISC ********
*
1010 PRINT"Type filename to be saved!"
1020 PRINT"Cancel = RETURN"
1030 INPUT tiedosto$
1040 IF tiedosto$="" THEN 1110
1050 OPENOUT tiedosto$
1060 FOR i=1 TO flnum
1070 |READREC,i,@rec$:WRITE#9,rec$
1080 NEXT
1090 WRITE#9,SPACE$(25)
1100 CLOSEOUT
1110 RETURN
1120 REM ******* PRINT ON SCREEN *******
1130 FOR i=1 TO flnum STEP 3
1140 |READREC,i,@rec$:|READREC,i+1,@rec1
$:|READREC,i+2,@rec2$
1150 PRINT rec$" "rec1$" "rec2$
1160 IF INT((i+2)/60)=(i+2)/60 THEN GOSU
B 1210
1170 NEXT
1180 PRINT TAB(2)flnum;" files."
1190 GOSUB 1210
1200 RETURN
1210 REM *********** PAUSE *************
1220 PRINT"Press RETURN."
1230 WHILE INKEY(18)<0 AND INKEY(6)<0:WE
ND
1240 RETURN
1250 REM ******** PRINT ON PAPER *******
1260 PRINT:PRINT CHR$(11)select$:PRINT:P
RINT TAB(8)"1) Standard 80 characters/li
ne."
1270 PRINT:PRINT TAB(8)"2) Condensed 132
 characters/line."
1280 x$=INKEY$:IF x$="" THEN 1280:ELSE I
F ASC(x$)<49 OR ASC(x$)>50 THEN 1280
1290 REM PRINT#8,CHR$(27);"x";CHR$(1);:R
EM Take out first rem for NLQ
1300 IF x$="2" THEN PRINT#8,CHR$(27);"x"
;CHR$(0);CHR$(15);:REM Condensed
1310 PRINT:PRINT"Type the heading of the
 catalogue!"
1320 INPUT otsikko$:PRINT#8,SPACE$(5)ots
ikko$:PRINT#8
1330 x=3:marg$=SPACE$(2):IF x$="2" THEN
x=5:marg$=SPACE$(2)
1340 FOR i=1 TO flnum STEP x
1350 PRINT#8:PRINT#8,marg$;:FOR j=i TO i
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+x-1
1360 :READREC,j,@rec$:PRINT#8,CHR$(32)+r
ec$;
1370 NEXT
1380 IF (i-1)/60/x=INT((i-1)/60/x) THEN
GOSUB 1420
1390 NEXT
1400 PRINT#8:PRINT#8,SPACE$(3)flnum;" fi
les."
1410 PRINT#8,CHR$(18):RETURN
1420 REM ***********  NEW PAGE **********
1430 IF i=1 THEN 1470
1440 IF cs=1 THEN PRINT#8,CHR$(12):RETUR
N
1450 PRINT CHR$(7):PRINT"Change paper!"
1460 GOSUB 1210
1470 RETURN
1480 REM *** FROM BUFFER TO CATALOGUE **
1490 IF paikka=0 THEN 1600
1500 flnum=flnum+paikka
1510 IF flnum-paikka=0 THEN 1560
1520 FOR j=flnum-paikka TO 1 STEP -1
1530 :READREC,j,@rec$:IF rec$<puskuri$(p
aikka) AND paikka>0 THEN :WRITEREC,j+pai
kka,@puskuri$(paikka):paikka=paikka-1:GO
TO 1530
1540 :RECCOPY,j+paikka,j
1550 NEXT
1560 IF paikka=0 THEN 1600
1570 FOR j=paikka TO 1 STEP -1
1580 :WRITEREC,j,@puskuri$(j)
1590 NEXT
1600 RETURN
1610 REM * ERASE OR PICK OUT FILE TYPE *
1620 PRINT'Erase or pick out file type (
E or P) ?"
1630 INPUT ps$:ps$=UPPER$(ps$):IF ps$<>"
P" AND ps$<>"E" THEN 1620
1640 PRINT:PRINT'Type file type (maximum
 length 3 characters).."
1650 INPUT tyyppi$:IF LEFT$(tyyppi$,1)="
." THEN PRINT'Error!':GOTO 1640
1660 IF LEN(tyyppi$)>3 THEN PRINT'Error!
':GOTO 1640
1670 tyyppi$=".+UPPER$(tyyppi$)+SPACE$(
3-LEN(tyyppi$))
1680 j=1:pois=0
1690 WHILE j+pois<=flnum
1700 :READREC,j+pois,@rec$:IF ps$="E" TH
EN IF INSTR(rec$,tyyppi$)=9 THEN pois=po
is+1:IF j+pois<=flnum THEN 1700
1710 :READREC,j+pois,@rec$:IF ps$="P" TH
EN IF INSTR(rec$,tyyppi$)<>9 THEN pois=p
ois+1:IF j+pois<=flnum THEN 1710
1720 :RECCOPY,j,j+pois
1730 j=j+1
1740 WEND
1750 flnum=flnum-pois
1760 RETURN
1770 REM ******* Clear Catalogue *******
1780 ERASE puskuri$:GOSUB 1930
1790 RETURN
1800 REM ***** Look for named file *****
1810 PRINT'Filename to look for (up to 8
 characters)?":INPUT fl$
1820 PRINT'Extension (up to 3 characters
)?":INPUT ext$
1830 IF LEN(fl$)>8 THEN 1810 ELSE IF LEN
(ext$)>3 THEN 1820
1840 IF fl$="" AND ext$="" THEN RETURN
1850 IF fl$="" THEN 1810
1860 IF ext$="" THEN 1880
1870 fl$=fl$+SPACE$(8-LEN(fl$))+"."+ext$
1880 fln=LEN(fl$):fl$=UPPER$(fl$):PRINT"
Searching..."
1890 nf=0:FOR i=1 TO flnum::READREC,i,@r
ec$
1900 IF LEFT$(rec$,fln)=fl$ THEN PRINT r
ec$:nf=1
1910 NEXT:IF nf=0 THEN PRINT'No match'
1920 GOTO 1210 :REM Pause & return
1930 REM ********** Variables *********
1940 DIM puskuri$(64)
1950 cpy$=CHR$(32):rec$=SPACE$(25):rec1$
=rec$:rec2$=rec$:select$=CHR$(24)+"Selec
t"+CHR$(24)
1960 flnum=0:cs=1 :REM = Continuous stat
ionery - cs=0 for single sheet
1970 RETURN
1980 REM ********* Machine code ********
1990 IF HIMEM=9999 AND PEEK(&8F30)=&C9 T
HEN RETURN
2000 IF HIMEM<40960 THEN PRINT'Not enoug
h memory - switch off some roms':END
2010 PRINT'Put a disc in the drive and p
ress a key'
2020 WHILE INKEY$<>"":WEND:CALL &BB18
2030 OPENOUT'd':MEMORY HIMEM-1:CLOSEOUT
2040 MEMORY 9999:ln=2130
2050 FOR adr=&8F30 TO &8FFC STEP 13
2060 READ byte$:chk=0
2070 FOR i=0 TO 12
2080 v=VAL("&"+MID$(byte$,i*2+1,2))
2090 POKE adr+i,v:chk=chk+v
2100 NEXT
2110 IF chk<>VAL("&"+RIGHT$(byte$,3)) TH
EN PRINT'ERROR in LINE';ln:STOP
2120 ln=ln+10:NEXT:CALL &8F30:RETURN
2130 DATA 3EC9323D8F013E8F216B8FC3D1575
2140 DATA BC4C8FC36F8FC3AA8FC38B8FC37F4
2150 DATA C88F434F5D59434841D2524541508
2160 DATA 445245C3575249544552454C3524D5
2170 DATA 4543434F5DD900000000000FE01342
2180 DATA C0D6E0DD6601E5DDE1DD7E0074D
2190 DATA D6E0D1DD6602B7C8CD60BB77C9738
2200 DATA D6E0D2DD6603CDE28FEBDD6E00707
2210 DATA D6660 1E5DDE1DD6E01DD66D201679
2220 DATA 190DEBDC9DD6E02DD66D3CDE26C1
2230 DATA 8FDD5E0DD5601D5DDE1DD5E016CD
2240 DATA D56D201190EDBDC9DD6E02DD5DF
2250 DATA 66D3CDE28FE5DD6E00DD66D1CD6E8
2260 DATA E28FD101190EDBDC94D44CB25643
2270 DATA CB14CB25CB14CB25CB14505 4CB5F9
2280 DATA 25CB1419091110271 9C9000000250
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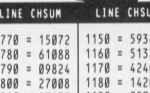

LINE CHSUM	LINE CHSUM	LINE CHSUM	LINE CHSUM	LINE CHSUM	LINE CHSUM
10 = 41888	390 = 39680	770 = 15072	1150 = 59360	1530 = 36128	1910 = 40768
20 = 32320	400 = 17376	780 = 61088	1160 = 51328	1540 = 58272	1920 = 40384
30 = 25568	410 = 08416	790 = 09824	1170 = 42400	1550 = 42400	1930 = 34336
40 = 31744	420 = 60000	800 = 27008	1180 = 14208	1560 = 50400	1940 = 04512
50 = 43808	430 = 10688	810 = 17472	1190 = 09792	1570 = 06080	1950 = 21536
60 = 40192	440 = 37120	820 = 23424	1200 = 27008	1580 = 28768	1960 = 30304
70 = 16000	450 = 48544	830 = 27200	1210 = 22816	1590 = 42400	1970 = 27008
80 = 10080	460 = 05024	840 = 59584	1220 = 12864	1600 = 27008	1980 = 16192
90 = 18112	470 = 62208	850 = 06880	1230 = 65056	1610 = 47904	1990 = 23296
100 = 44928	480 = 01600	860 = 49248	1240 = 27008	1620 = 09760	2000 = 09152
110 = 57600	490 = 40032	870 = 09888	1250 = 01664	1630 = 35072	2010 = 28224
120 = 42688	500 = 65344	880 = 27936	1260 = 61216	1640 = 60064	2020 = 59136
130 = 07808	510 = 17824	890 = 09888	1270 = 62304	1650 = 63936	2030 = 41856
140 = 50048	520 = 27008	900 = 43968	1280 = 64544	1660 = 21632	2040 = 56928
150 = 57664	530 = 57376	910 = 44288	1290 = 62400	1670 = 06048	2050 = 48480
160 = 56192	540 = 05664	920 = 30272	1300 = 40512	1680 = 46368	2060 = 12992
170 = 30272	550 = 56896	930 = 04640	1310 = 51136	1690 = 08800	2070 = 38016
180 = 10848	560 = 49888	940 = 27008	1320 = 00992	1700 = 09376	2080 = 10720
190 = 12736	570 = 27008	950 = 14144	1330 = 11296	1710 = 45056	2090 = 58272
200 = 04640	580 = 31808	960 = 03136	1340 = 59968	1720 = 56256	2100 = 42400
210 = 50304	590 = 46368	970 = 45088	1350 = 04416	1730 = 54144	2110 = 53600
220 = 61568	600 = 08800	980 = 13568	1360 = 49824	1740 = 12864	2120 = 29216
230 = 20416	610 = 22400	990 = 27008	1370 = 42400	1750 = 13760	2130 = 32384
240 = 20256	620 = 49120	1000 = 39648	1380 = 43456	1760 = 27008	2140 = 31264
250 = 23936	630 = 56256	1010 = 19712	1390 = 42400	1770 = 18144	2150 = 32544
260 = 48064	640 = 54144	1020 = 03872	1400 = 46208	1780 = 38048	2160 = 49888
270 = 12000	650 = 12864	1030 = 06880	1410 = 59872	1790 = 27008	2170 = 00640
280 = 23552	660 = 13760	1040 = 36768	1420 = 47840	1800 = 27744	2180 = 30688
290 = 64832	670 = 27008	1050 = 47712	1430 = 46944	1810 = 28640	2190 = 01216
300 = 25120	680 = 52864	1060 = 59872	1440 = 11584	1820 = 19232	2200 = 43360
310 = 42752	690 = 35968	1070 = 26464	1450 = 10752	1830 = 49440	2210 = 31712
320 = 32224	700 = 64896	1080 = 42400	1460 = 09792	1840 = 08864	2220 = 19840
330 = 28736	710 = 52768	1090 = 30176	1470 = 27008	1850 = 07776	2230 = 17856
340 = 26720	720 = 64576	1100 = 08192	1480 = 52832	1860 = 04320	2240 = 43296
350 = 59584	730 = 34752	1110 = 27008	1490 = 50400	1870 = 38752	2250 = 53568
360 = 33024	740 = 48448	1120 = 24896	1500 = 30912	1880 = 47840	2260 = 35872
370 = 53344	750 = 14496	1130 = 47168	1510 = 38208	1890 = 15584	2270 = 51040
380 = 40800	760 = 42400	1140 = 52128	1520 = 04960	1900 = 36352	2280 = 01280