```
10 REM            Program I
20 REM       Install R.A. Commands
30 REM          by Joe Pritchard
40 REM (c) Computing with the Amstrad
50 REM ------------ CPC ------------
60 MEMORY &7FFF:ln=150
70 FOR adr=&8000 TO &810D STEP 13
80 READ byte$:chk=0
90 FOR i=0 TO 12
100 v=VAL("&"+MID$(byte$,i*2+1,2))
110 POKE adr+i,v:chk=chk+v
120 NEXT
130 IF chk<>VAL("&"+RIGHT$(byte$,3)) T
HEN PRINT"ERROR in LINE";ln:STOP
140 ln=ln+10:NEXT:CALL &8000
150 DATA 015B80219C80C3D1BCFE02C0CD6F6
160 DATA 2780CD3180CD3CC0C34F80FE02680
170 DATA C0CD2780CD3180CD3FC0C34F80710
180 DATA 0E07CD0FB9ED435680C9210D81528
190 DATA DD7E00325A80DD7E023259803A509
200 DATA 58805F3A5980573A5A80C6C04F58A
210 DATA C9ED4B5680C318B900000000046B
220 DATA 6C80C3A080C3BA80C30980C3186F3
230 DATA 80C303815752495445425546464 75
240 DATA 45D2524541444255464645D2524BF
250 DATA 454144534543544FD257524954460
260 DATA 45534543544FD252414452D600494
270 DATA 00000000FE02C0CDCF80E5110D4DF
280 DATA 812AEF8019E5D1E13AF180470E6CA
290 DATA 00C3F880FE02C0CDCF80E5210D72A
300 DATA 8109D13AF180470E00C3F880DD673
310 DATA 6E00DD660122EF80DD6E02DD665D3
320 DATA 037E32F180237E4F237E47C5E15A2
330 DATA ED4BEF80C900000000000000003 0
340 DATA 007E1223130578FE0020F6C9FE51E
350 DATA 01C0DD7E00325880C900000003EF
```

```
10 REM Program II
20 REM Read first 255 bytes of any
30 REM sector of data format disc
40 |RADRV,0
50 fred=0:WHILE fred=0
60 INPUT"Track (0-39)",tr
70 INPUT"Sector (1-9)",se
80 a$=SPACE$(255)
90 |READSECTOR,tr,se
100 |READBUFFER,@a$,0
110 FOR i=1 TO LEN(a$)
120 a=ASC(MID$(a$,i,1))
130 IF a>31 AND a<127 THEN PRINT CHR$(
a); ELSE PRINT ".";
140 NEXT
150 PRINT:PRINT
160 WEND
```

```
10 REM Program 111
20 REM This routine writes a record
30 REM to each sector of the disc
40 REM in turn
50 |RADRV,0
60 PRINT "Put a blank data disc in"
70 PRINT "drive A and press Return"
80 WHILE INKEY$<>"":WEND
90 WHILE INKEY$<>CHR$(13):WEND
100 blank$=SPACE$(255)
110 FOR track=0 TO 39
120 FOR sector=1 TO 9
130 |WRITEBUFFER,@blank$,0
140 a$="This is record"+STR$(rec)
150 rec=rec+1
160 |WRITEBUFFER,@a$,0
170 |WRITESECTOR,track,sector
180 NEXT:NEXT
```

```
10 REM Program IV
20 REM Gets a record number from
30 REM the keyboard, finds and
40 REM displays record
50 |RADRV,0
60 WHILE 1:record=-1
70 WHILE record<0 OR record>359
80 INPUT "Which record ",record
90 WEND
100 |READSECTOR,record\9,(record MOD 9
)+1
110 a$=SPACE$(255)
120 |READBUFFER,@a$,0
130 FOR i=1 TO LEN(a$)
140 a=ASC(MID$(a$,i,1))
150 IF a>31 AND a<127 THEN PRINT CHR$(
a); ELSE PRINT ".";
160 NEXT:PRINT:PRINT
170 WEND
```

```
10 REM Program V
20 REM Writes two records per sector
30 PRINT"Put a blank data disc in
40 PRINT"drive A and press Return"
50 WHILE INKEY$<>":WEND
60 WHILE INKEY$<>CHR$(13):WEND
70 |RADRV,0:blank$=SPACE$(255)
80 FOR rec=0 TO 719
90 offset=(rec MOD 2)*255
100  |WRITEBUFFER,@blank$,offset
110  a$="This is record"+STR$(rec)
120  |WRITEBUFFER,@a$,offset
130  |WRITESECTOR,rec\18,((rec\2) MOD 9
)+1
140 NEXT
```

```
10 REM Program VI
20 REM Gets a record number from
30 REM the keyboard, finds and
40 REM displays record
50 |RADRV,0
60 WHILE 1:record=-1
70 WHILE record<0 OR record>719
80 INPUT "Which record ",record
90 WEND
100 rtemp=record:record=record\2
110 |READSECTOR,record\9,(record MOD 9
)+1
120 a$=STRING$(255," ")
130 |READBUFFER,@a$,(rtemp MOD 2)*255
140 FOR i=1 TO LEN(a$)
150 a=ASC(MID$(a$,i,1))
160 IF a>31 AND a<127 THEN PRINT CHR$(
a); ELSE PRINT ".";
170 NEXT:PRINT:PRINT
180 WEND
```