

```

100 ***** [31D4]
101 *DATAFINE.DAT - DATA-Lader von 'CPC'* [A986]
102 ***** [A3D8]
103 [DEB6]
104 DATA A000,01,0A,A0,21,22,A0,CD,D1,16CB [C75E]
105 DATA A008,BC,C9,12,A0,C3,CF,A0,C3,60A7 [09DC]
106 DATA A010,0D,A1,D2,D7,00,00,00,00,39F0 [2310]
107 DATA A018,00,00,00,00,00,00,00,00,0000 [9630]
108 DATA A020,00,00,FC,A6,0A,A0,00,00,1730 [D5FE]
109 DATA A028,00,00,00,00,00,00,00,00,0000 [FC36]
110 DATA A030,00,C3,CF,A0,C3,0D,A1,FE,2480 [F8B6]
111 DATA A038,02,C2,B4,A0,DD,6E,02,DD,2A89 [E0CB]
112 DATA A040,66,03,2B,7E,FE,04,C2,B4,3790 [3776]
113 DATA A048,A0,23,11,26,A0,01,05,00,5D8E [AB0A]
114 DATA A050,ED,B0,DD,6E,00,DD,66,01,4479 [3ABA]
115 DATA A058,2B,7E,FE,02,C2,B4,A0,23,1043 [EC82]
116 DATA A060,11,2E,A0,01,03,00,ED,B0,1662 [1E1A]
117 DATA A068,3A,2A,A0,FE,81,30,0D,21,0893 [5770]
118 DATA A070,00,00,22,2B,A0,3E,00,32,033A [E2EA]
119 DATA A078,2D,A0,37,C9,FE,98,D2,B4,3070 [CFC0]
120 DATA A080,A0,21,29,A0,CB,FE,3A,2A,529E [F0BC]
121 DATA A088,A0,FE,97,28,0F,21,2A,A0,7FEB [6FD0]
122 DATA A090,34,2B,CB,3E,2B,CB,1E,2B,0823 [26BA]
123 DATA A098,CB,1E,18,EA,2A,2B,A0,22,6F32 [BFB6]
124 DATA A0A0,2B,A0,3A,27,A0,CB,3F,32,3ED0 [AFC2]
125 DATA A0A8,2D,A0,3A,2E,A0,FE,00,CA,3D12 [06E8]
126 DATA A0B0,B4,A0,37,C9,37,3F,C9,2A,788C [04D6]
127 DATA A0B8,2B,A0,23,22,2B,A0,11,29,3813 [1334]
128 DATA A0C0,00,2A,7D,BE,19,3A,2B,A0,0E16 [38B2]
129 DATA A0C8,77,23,3A,2C,A0,77,C9,CD,3343 [B7B2]
130 DATA A0D0,37,A0,D0,CD,DC,A0,CD,F8,2052 [99F6]
131 DATA A0D8,A0,ED,B0,C9,CD,BE,A0,21,7421 [2F00]
132 DATA A0E0,80,A1,CD,5A,A1,CD,B7,A0,73B2 [21F4]
133 DATA A0E8,21,00,A2,CD,5A,A1,CD,B7,0969 [C4D0]
134 DATA A0F0,A0,21,80,A2,CD,5A,A1,C9,44EB [07DC]
135 DATA A0F8,3A,2D,A0,5F,16,00,21,80,07C2 [C964]
136 DATA A100,A1,19,ED,5B,2F,A0,3A,2E,4D72 [DBC6]
137 DATA A108,A0,4F,06,00,C9,CD,37,A0,46B2 [6D90]
138 DATA A110,D0,CD,BE,A0,21,80,A1,CD,4407 [6EB6]
139 DATA A118,5A,A1,CD,F8,A0,EB,ED,B0,14A6 [8C34]
140 DATA A120,CD,BE,A0,21,80,A1,CD,61,586F [CFC4]
141 DATA A128,A1,CD,B7,A0,21,00,A2,CD,7FA1 [BCCE]
142 DATA A130,5A,A1,CD,F8,A0,EB,ED,B0,14A6 [011C]
143 DATA A138,CD,BE,A0,21,00,A2,CD,61,5C63 [F7BE]
144 DATA A140,A1,CD,B7,A0,21,80,A2,CD,7DA1 [D9D4]
145 DATA A148,5A,A1,CD,F8,A0,EB,ED,B0,14A6 [DA34]
146 DATA A150,CD,BE,A0,21,80,A2,CD,61,5863 [42B2]
147 DATA A158,A1,C9,DF,5E,A1,C9,92,D3,7B1B [A41E]
148 DATA A160,07,DF,65,A1,C9,68,A1,07,345D [8398]
149 DATA A168,E5,D5,C5,E5,11,08,00,CD,5155 [7F94]
150 DATA A170,98,CA,CD,10,D4,D2,A9,D3,6249 [86CC]
151 DATA A178,EB,E3,CD,F3,D9,C3,A6,D3,5F8B [ED66]
152 DATA *ENDE* [88C4]
153 adr=&A000:zeile=104:MEMORY &9FFF [FB5A]
154 READ d$:IF d$="*ENDE*"THEN 165 [F296]
155 pr=0 [1C14]
156 FOR i=1 TO 8 [016A]
157 READ a$:a=VAL("&"+a$) [A448]
158 POKE adr,a:adr=adr+1 [5124]
159 pr=pr*2:IF pr>65535 THEN pr=pr-65535 [B4A4]
160 pr=UNT(pr)XOR a:IF pr<0 THEN pr=pr+65535 [EDAA]
161 NEXT i [3B00]
162 READ pr$:pr2=VAL("&"+pr$):IF pr2<0 THEN [CCBC]
    pr2=pr2+65536
163 IF pr<>pr2 THEN PRINT"Pruefsummenfehler [1F14]
    in Zeile";zeile:STOP
164 zeile=zeile+1:GOTO 154 [C966]
165 SAVE"DATAFINE.BIN",B,&A000,&1B0:END [32FE]

```

Listing 1. Ein Basic-Lader erzeugt den Maschinencode der RSX-Befehlserweiterung

```

10  ' ***** [447C]
20  ' * DATAFINE * [5EF2]
30  ' * (c) 1986 by * [2E0A]
40  ' * ms-Software * [DD6E]
50  ' * M. Strasser * [21A4]
60  ' * Rottalstr.5 * [5926]
70  ' *8 Muenchen 80* [C46A]
80  ' ***** [6DBA]
90  ' V1.4 vom 6.9.1986 [8CDC]
100 ' *****
    *****
        * Programm DATAFINE.BIN sc
        hon geladen? *
            *****
            ***** [777C]
110 IF PEEK(&A000)=&1 AND PEEK(&A001)=&A [7120]
    THEN 190
120 ' ** Nein, dann bitte laden **
        ** Ja, dann ab zum Menue
        ** [319C]
130 MEMORY 39999:LOAD "DATAFINE.BIN",&A
    00:CALL &A000:CLOSEIN [B938]

```

Listing 2. Mit »Datafine« haben Sie Ihre Daten fest im Griff

```

140 OPENOUT "d":MEMORY HIMEM-1:CLOSEOUT [89A0]
150 DATA CD,60,BB,32,4A,9C,C9 [C576]
160 RESTORE 150 [AB22]
170 FOR n=40000 TO 40006:READ a$:POKE n, [1240]
    VAL("&" + a$):NEXT
180 SYMBOL 255,136,216,175,152,152,142,1 [93CC]
    ,30:dinit=0 ' Druckerflag
190 DIM feld$(5),i$(5),a$(5),dr$(3):!A:! [89C2]
    USER,0:user=0:drive$="A":INK 0,0:BOR
200 DER 0:INK 1,24:INK 2,15:INK 3,6 [05B6]
210 GOTO 3760
210 ' *****

```

* Daten eingeben *

```

***** [4F7E]
220 CLS:korr=1 [05F8]
230 PRINT#1,"***** DATEN EINGEBEN [FBCC]
    *****";
240 PEN 1:PRINT:PRINT " X 1 X in bestehen [CCDE]
    de Datei schreiben":PRINT "J X 9 X Ne
    ue Datei eroeffnen"
250 jn$="":WHILE jn$<>"1" AND jn$<>"9":j [E606]
    n$=INKEY$:WEND:IF jn$="9" THEN GOSUB
    2450:daz=0:GOTO 280
260 GOSUB 3290:IF dat$="" OR er=1 THEN 3 [65A4]
    760
270 IF daz<>0 AND daz=anz THEN daz=daz-1 [4ABC]
    :GOTO 370 [0584]
280 MODE 2:GOSUB 3500:OPENIN ""+dat$
290 CLS:PRINT#2,"LDatei: ";dat$:PRINT#2, [3FEA]
    "JGroesse: "anz:PRINT#2,"JDaten: ";d
    az
300 FOR n=1 TO feld:1=VAL("&" + LEFT$(feld [970A]
    $(n),2):t=VAL("&" + MID$(feld$(n),3,2
    )):x=VAL("&" + MID$(feld$(n),5,2)):y=V
    AL("&" + MID$(feld$(n),7,2))
310 feld$=RIGHT$(feld$(n),LEN(feld$(n))- [3A52]
    8):LOCATE x,y:PRINT feld$;": ";:GOSU
    B 3400:IF ret THEN 390
320 i$(n)=in$:IF LEN(i$(n))<1 THEN i$(n) [D274]
    =LEFT$(i$(n)+SPACE$(1),1) [57EA]
330 NEXT
340 PRINT#1,"LGA!lles richtig? (J/N)":jn [51D6]
    $="":WHILE jn$<>"J" AND jn$<>"N":jn$
    =UPPER$(INKEY$):WEND:CLS #1:IF jn$="
    N" THEN num=daz:GOTO 630
350 a$="":FOR n=1 TO feld:a$=a$+i$(n):NE [38EA]
    XT:po=daz*laenge [AD90]
360 !W,@po,@a$
370 daz=daz+1:IF daz=anz THEN CLS:PRINT [9C4A]
    "JJJJJJDatei voll!!!":FOR n=1 TO 2000 [EF5E]
    :NEXT:GOTO 390
380 GOTO 290
390 CLOSEIN:CLS:OPENOUT ""+dat$+".ind":P [587C]
    RINT#9,anz:PRINT#9,daz:CLOSEOUT:GOTO
    3760
400 ' *****

```

* Datei pflegen *

```

***** [8D96]
410 IF dat$="" OR er=1 THEN GOSUB 3290:I [D2E2]
    F dat$="" OR er=1 THEN 3760 [AE6C]
420 MODE 2:korr=2:GOSUB 3500
430 PRINT#2,"*****Datei<2>pf [A14A]
    legen*****"
440 PRINT#2,"JX "CHR$(240)" X - vor":PRI [163A]
    NT#2,"JX "CHR$(241)" X - zurueck"
450 PRINT#2,"JX 1 X - Korrektur":PRINT#2 [87B8]
    ,"JX 2 X - Loeschen":PRINT#2,"JX 3 X
    - Nr.eingabe";
460 PRINT#2,"JX 4 X - Suchen":PRINT#2,"J [4492]
    X 5 X - Drucken":PRINT#2,"JX 9 X - E [E350]
    NDE"
470 fr=FRE(""):num=0:OPENIN ""+dat$
480 PRINT#1,"LDateiname: ";UPPER$(dat$); [4C8A]
    TAB(35);USING "Groesse der Datei: ## [E994]
    ##";anz:PRINT#1,USING "Eingegebene D [8C8C]
    aten: ###";daz;:PRINT#1,TAB(35);USI
    NG "Freie Datensatze: ###";anz-daz
490 PRINT#1,TAB(13);"DATAFINE CPC "CHR$( [A546]
    164)" 1986 by Happy-Computer"CHR$(25
    5)
500 CLS [24AE]
510 a$=SPACE$(laenge):po=num*laenge:!R,@ [792E]
    po,@a$ [4C8A]
520 GOSUB 3390:GOSUB 3250 [E994]
530 jn=ASC(INKEY$+CHR$(0)) [8C8C]
540 IF jn=240 OR jn=241 THEN 590 ELSE IF [A1E6]
    jn-48<1 OR jn-48>9 THEN 530
550 jn=jn-48:IF jn>5 AND jn<9 THEN 530 E [47B2]
    LSE IF jn=9 THEN GOTO 3760 [9062]
560 ON jn GOTO 630,810,890,970,1130 [C562]
570 GOTO 570

```

```

580 ' *****
*
* Datensatz vor-/zurueckbl [043E]
aettern *
***** [C49A]
590 IF jn=240 THEN num=num+(1 AND num<da [2CBA]
    z-1) [D24C]
600 IF jn=241 THEN num=num-(1 AND num>0)
610 GOTO 510
620 ' *****

```

* Datensatz korrigieren *

```

***** [5EEC]
630 PRINT#1,"LJ<2>Bewegen Sie mit "CHR$( [4EE6]
    240)" und "CHR$(241)" den X Pointer [3C44]
    X, dann X>ENTER<X." [0E3C]
640 z=1
650 WHILE INKEY$<>"":WEND
660 x=VAL("&" + MID$(feld$(z),5,2)):y=VAL( [784A]
    "&" + MID$(feld$(z),7,2))
670 feld$=RIGHT$(feld$(z),LEN(feld$(z))- [6F02]
    8)
680 LOCATE x,y:PRINT feld$;": X";i$(z);" [71E8]
    X"
690 IF INKEY(0)>-1 THEN LOCATE x,y:PRINT [708C]
    feld$;": ";i$(z):z=z-(1 AND z>1):GO
    TO 660
700 IF INKEY(2)>-1 THEN LOCATE x,y:PRINT [9C4C]
    feld$;": ";i$(z):z=z+(1 AND z<feld)
    :GOTO 660
710 IF INKEY(18)>-1 OR INKEY(6)>-1 THEN [D0B4]
    CALL &BB03 ELSE GOTO 690
720 1=VAL("&" + LEFT$(feld$(z),2)):t=VAL(" [24FA]
    &" + MID$(feld$(z),3,2)) [EBD2]
730 LOCATE x,y:PRINT feld$;": ";
740 GOSUB 3400:IF ret THEN CLS#1:ON korr [2512]
    GOTO 350,480 [AB38]
750 i$(z)=in$+SPACE$(1-LEN(in$))
760 PRINT#1,"LJ<2>Weiteres Feld korrigie [7C12]
    ren? (J/N)J"
770 jn$="":WHILE jn$<>"J" AND jn$<>"N":j [A65A]
    n$=UPPER$(INKEY$):WEND [6A7A]
780 IF jn$="J" THEN 630
790 a$="":FOR n=1 TO feld:a$=a$+i$(n):NE
    XT:po=num*laenge:!W,@po,@a$:CLS #1:O
    N korr GOTO 370,480
800 ' *****

```

* Daten loeschen *

```

***** [7DB0]
810 PRINT#1,"LJWollen Sie wirklich loesc [44BE]
    hen? (J/N)G";:INPUT #1,jn$ [5F80]
820 IF UPPER$(jn$)="N" THEN 480
830 PRINT#1,"LX Datensatz"num"X wird gel [4872]
    oescht ";
840 IF num=daz-1 THEN a$=SPACE$(laenge): [EFB2]
    po=num*laenge:!W,@po,@a$:daz=daz-1:n
    um=num-1:PRINT:GOTO 870
850 PRINT#1,"und mit X Datensatz"daz-1"X [B37A]
    ":PRINT#1,"ueberschrieben."
860 a$=SPACE$(laenge):po=(daz-1)*laenge: [5786]
    !R,@po,@a$:po=num*laenge:!W,@po,@a$:
    daz=daz-1
870 OPENOUT ""+dat$+".ind":PRINT#9,anz:P [0254]
    RINT#9,daz:CLOSEOUT:GOTO 480
880 ' *****

```

* Nummerneingabe *

```

***** [B960]
890 CLS:PRINT"JJJJJ"CHR$(150)STRING$(23, [955A]
    154)CHR$(156)
900 PRINT CHR$(149)TAB(25)CHR$(149):PRIN [F618]
    T CHR$(147)STRING$(23,154)CHR$(153)
910 PRINT"KKIIDatensatznummer: ";:l=4:t= [18BE]
    2:GOSUB 3400 [6272]
920 IF ret THEN 500 [68C0]
930 in=VAL(in$):in=INT(in)
940 IF in<0 THEN in=0 ELSE IF in>daz-1 T [9B98]
    HEN in=daz-1 [E2C4]
950 num=in:PRINT"L":GOTO 510
960 ' *****

```

* Datei suchen *

```

***** [BCCE]
970 CLS:PRINT"JJSuchbegriffG: ";:l=35:GO [723A]
    SUB 3400:IF ret THEN 480 ELSE su$=in
    $
980 PRINT"JJSuchen von Datensatz ";:l=4: [01FA]
    t=2:GOSUB 3400

```



```

990 IF ret THEN 480 ELSE sua=VAL(in$):IF
  sua<0 THEN sua=0 ELSE IF sua>daz-1
  THEN sua=daz-1 [29EC]
1000 PRINT"JJSuchen bis Datensatz ";:l=4 [5B10]
  :t=2:GOSUB 3400
1010 IF ret THEN 480 ELSE sue=VAL(in$):I
  F sue<sua THEN sue=sua ELSE IF sue>
  daz-1 THEN sue=daz-1 [FEB8]
1020 CLS #1 [0572]
1030 FOR num=sua TO sue:a$=SPACE$(laenge
  ):po=num*laenge:IR,@po,@a$ [3574]
1040 LOCATE #1,1,2:PRINT#1,USING "Datens
  atz ####";num [CB84]
1050 IF INSTR(a$,su$) THEN 1080 [FBD6]
1060 NEXT num:num=num-1 [EB16]
1070 PRINT"JJGEnde der Suche":FOR n=1 TO
  2500:NEXT:GOTO 480 [7D64]
1080 CLS:GOSUB 3390:GOSUB 3250 [CC30]
1090 PRINT#1,"LJWeitersuchen ?<2>(J/N)G"
  [820A]
1100 jn$="":WHILE jn$<>"J" AND jn$<>"N":
  jn$=UPPER$(INKEY$):WEND [82A2]
1110 IF jn$="J" THEN CLS #1:GOTO 1060 EL
  SE 480 [87FA]
1120 ' *****
      * Angezeigten Datensatz
      drucken *
      *****
1130 IF dinit=0 THEN CLS:PRINT"JJJJJJJJG8
  itte erst X Drucker einstellen X !!
  ":FOR n=1 TO 2000:NEXT:GOTO 480 [A12E]
1140 GOSUB 3170 [4BA2]
1150 num=num+(1 AND num<daz-1):GOTO 510 [88AC]
1160 ' *****
      * Datei wechseln *
      *****
1170 CLS:PRINT"JJOBName der neuen Datei:
  QA";:l=8:GOSUB 3400:IF ret THEN 37
  60 [A6DA]
1180 er=0:dat$=in$:GOSUB 3660 [7A4C]
1190 IF er=1 THEN PEN 1:PRINT"JJGDatei n
  icht vorhanden":FOR n=1 TO 2000:NEX
  T:GOTO 1170 ELSE GOSUB 3330 [2826]
1200 dinit=0:GOTO 3760 [5296]
1210 ' *****
      * Diskmenue *
      *****
1220 MODE 2:GOSUB 3500:PRINT#2,"*****
  *****<2>Disk-menue<2>*****
  *****" [ABD0]
1230 PRINT#2,"JX 1 X - Drive":PRINT#2,"J
  X 2 X - CAT":PRINT#2,"JX 3 X - loes
  chen" [B0E0]
1240 PRINT#2,"JX 4 X - umbenennen":PRIN
  T#2,"JX 5 X - USER":PRINT#2,"JJX 9
  X - Ende" [D17C]
1250 PRINT#1,"LJ";USING "Laufwerk: \ \<3
  9>User: ##";drive$;user [4DA6]
1260 CLS:CAT [FCF2]
1270 jn=ASC(INKEY$+CHR$(0))-48 [E6BA]
1280 IF jn=9 THEN 3760 ELSE IF jn<1 OR j
  n>5 THEN 1270 [7722]
1290 IF jn=1 THEN 1380 [FCD2]
1300 IF jn=2 THEN 1260 [1C38]
1310 IF jn=3 THEN 1410 [1924]
1320 IF jn=4 THEN 1460 [F922]
1330 ' ***** [D330]
      * USER wechseln *
      *****
1340 IF jn=5 THEN l=2:t=2:PRINT"JGUsernu
  mmer: ";:GOSUB 3400 [129C]
1350 IF ret THEN 1260 ELSE user=VAL(in$)
  :IF user>15 THEN user=15 ELSE IF us
  er<0 THEN user=0 [7D9A]
1360 !USER,user:GOTO 1250 [3F54]
1370 ' ***** [94D6]
      * DRIVE wechseln *
      *****
1380 IF drive$="A" THEN !B:drive$="B":GO
  TO 1250 [8242]
1390 !A:drive$="A":GOTO 1250 [88BC]
[DC7E]

1400 ' *****
      * File loeschen *
      *****
1410 PRINT"JName des zu loeschenden File
  s: ";:l=12:GOSUB 3400:IF ret THEN 1
  260 [6D0A]
1420 PRINT"JSind Sie SICHER? (J/N)":jn$=
  "" [ACA0]
1430 WHILE jn$<>"J" AND jn$<>"N":jn$=UPP
  ER$(INKEY$):WEND:IF jn$="N" THEN 12
  60 [473A]
1440 !ERA,@in$:GOTO 1260 [0018]
1450 ' ***** [EB00]
      * File umbenennen *
      *****
1460 PRINT"JName des alten Files: ";:l=1
  2:GOSUB 3400:IF ret THEN 1260 [EC18]
1470 o$=in$ [B9A4]
1480 PRINT"JName des neuen Files: ";:l=1
  2:GOSUB 3400:IF ret THEN 1260 [076E]
1490 n$=in$ [EBB6]
1500 !REN,@n$,@o$ [3670]
1510 GOTO 1260 [9088]
1520 ' ***** [9112]
      * Druckermenue *
      *****
1530 IF dat$="" THEN PRINT"G":GOTO 3760 [83DA]
1540 dinit=0:CLS:PRINT#1,"***** D
  ruckerinit *****"; [0040]
1550 PRINT"OAJJFeldnamen":FOR n=1 TO fe
  ld [E55E]
1560 LOCATE 1,6:PRINT"X "RIGHT$(feld$(n)
  ,LEN(feld$(n))-8)" X drucken? "; [6F7E]
1570 jn$="":WHILE jn$<>"J" AND jn$<>"N":
  jn$=UPPER$(INKEY$):WEND:PRINT jn$:d
  r$(n)=jn$ [DCD8]
1580 LOCATE 1,6:PRINT SPACE$(40):NEXT [8BD6]
1590 CLS:PRINT"OBFeldinhalt:":PEN 1 [EEFC]
1600 FOR n=1 TO feld:LOCATE 1,6:IF n<>fe
  ld THEN PRINT#2,RIGHT$(feld$(n+1),L
  EN(feld$(n+1))-8) [7A20]
1610 PRINT"X "RIGHT$(feld$(n),LEN(feld$(
  n))-8)" X : "; [A77C]
1620 GOSUB 1680:IF ret THEN 3760 ELSE dr
  $(n)=dr$(n)+in$ [A5A4]
1630 LOCATE 1,6:PRINT SPACE$(40):NEXT [2912]
1640 CLS:PRINT"OAJJJZeilenvorschub: ";:l
  =4:t=2 [49F4]
1650 GOSUB 3400:IF ret THEN 3760 ELSE vo
  r=VAL(in$) [BB44]
1660 dinit=1:GOTO 3760 [40E4]
1670 ' ***** [E2AC]
      * Inkeyroutine *
      *****
1680 ret=0:y=VPOS(#0):x=POS(#0):in$="":l
  =0 [F31E]
1690 LOCATE x,y:PRINT STRING$(5,95) [6BA2]
1700 a$="":WHILE a$=""a$=INKEY$:WEND [81CE]
1710 IF a$=CHR$(224) THEN ret=1:RETURN [489E]
1720 IF a$=CHR$(13) THEN RETURN [120C]
1730 IF a$=CHR$(127) AND l>0 THEN l=l-1:
  LOCATE x+1,y:PRINT" ":in$=LEFT$(in$
  ,LEN(in$)-1):GOTO 1700 [14C0]
1740 IF l=5 THEN SOUND 1,0,1,7,,10:GOTO
  1700 [C5C8]
1750 IF a$=CHR$(243) THEN LOCATE x+1,y:P
  RINT CHR$(243):in$=in$+CHR$(243):l=
  l+1:GOTO 1700 [E93C]
1760 IF a$=CHR$(241) THEN LOCATE x+1,y:P
  RINT CHR$(241):in$=in$+CHR$(241):l=
  l+1:GOTO 1700 [C03E]
1770 SOUND 1,50,3,7,,1:GOTO 1700 [3F34]
1780 ' ***** [5958]
      * Daten drucken *
      *****
1790 PRINT#1,"***** Daten drucken
  *****"; [382E]
1800 CLS [DDF6]
1810 IF dat$="" OR er=1 THEN 3760 [2D96]
1820 IF dinit=0 THEN CLS:PRINT"JJJJJJJOA
  GBitte erst X Drucker einstellen X
  !":FOR n=1 TO 2000:NEXT:GOTO 3760 [7DB8]
1830 CLS:PRINT"Wollen Sie:J" [8CC2]
[EF9E]

```



```

1840 PRINT"OBX 1 XOA - alle Daten drucke
n?J" [9DD8]
1850 PRINT"OBX 2 XOA - nach Suchbegriff
drucken?J" [EACC]
1860 PRINT"OBX 3 XOA - best. Datensatz d
rucken?J" [57E0]
1870 PRINT"NAOCX 9 XOAND - Beenden?" [5514]
1880 jn=ASC(INKEY$+CHR$(0)):jn=jn-48 [227E]
1890 IF jn=9 THEN 3760 ELSE IF jn<1 OR j
n>3 THEN 1880 [F7EA]
1900 ON jn GOTO 1910,1990,2180 [AD72]
1910 ' [BE24]
1920 MODE 2:GOSUB 3500 [8E0A]
1930 OPENIN ""+dat$ [4B44]
1940 FOR num=0 TO daz-1:a$=SPACE$(laenge
):po=num*laenge:IR,@po,@a$ [AEF6]
1950 GOSUB 3390:LOCATE 1,1:GOSUB 3250 [2C44]
1960 GOSUB 3170 [D3B6]
1970 IF INKEY$=CHR$(224) THEN num=daz [134C]
1980 NEXT num:GOTO 3760 [4B08]
1990 ' [9634]
2000 CLS:PRINT"JJSuchbegriffG:":l=35 [BCAE]
2010 GOSUB 3400:IF ret THEN 3760 ELSE su
$=in$ [C4D4]
2020 PRINT"JJSuchen von Datensatz ":l=4
:t=2:GOSUB 3400 [3140]
2030 IF ret THEN 3760 ELSE sua=VAL(in$):
IF sua<0 THEN sua=0 ELSE IF sua>daz
-1 THEN sua=daz-1 [459A]
2040 PRINT"JJSuchen bis Datensatz ":l=4
:t=2:GOSUB 3400 [AB1A]
2050 IF ret THEN 3760 ELSE sue=VAL(in$):
IF sue<sua THEN sue=sua ELSE IF sue
>daz-1 THEN sue=daz-1 [052A]
2060 MODE 2:GOSUB 3500:OPENIN ""+dat$ [8FE0]
2070 FOR num=sua TO sue:a$=SPACE$(laenge
):po=num*laenge:IR,@po,@a$ [F07E]
2080 LOCATE #1,1,1:PRINT#1,USING "Datens
atz ####";num [90CC]
2090 IF INSTR(a$,su$) THEN 2120 [6AD8]
2100 NEXT num [4824]
2110 PRINT"LJJGEnde der Suche":FOR n=1 T
O 2500:NEXT:GOTO 3760 [9FDC]
2120 CLS:GOSUB 3390:GOSUB 3250:PRINT#1,"
LDrucken? (J/N)":jn$="" [EA4A]
2130 WHILE jn$<>"J" AND jn$<>"N":jn$=UPP
ER$(INKEY$):WEND:IF jn$="N" THEN 21
50 [0B12]
2140 GOSUB 3170 [5DA4]
2150 PRINT#1,"LJGWeitersuchen ?<2>(J/N)G
" [DE14]
2160 jn$="":WHILE jn$<>"J" AND jn$<>"N":
jn$=UPPER$(INKEY$):WEND [28B0]
2170 IF jn$="J" THEN CLS #1:GOTO 2100 EL
SE 3760 [BF68]
2180 MODE 2:GOSUB 3500:OPENIN ""+dat$ [CAE6]
2190 CLS:PRINT"JDatensatznummer: ":l=4:
t=2:GOSUB 3400:IF ret THEN 3760 [1E04]
2200 CLS:num=VAL(in$):IF num<0 THEN num=
0 ELSE IF num>daz-1 THEN num=daz-1 [5ED2]
2210 a$=SPACE$(laenge):po=num*laenge:IR,
@po,@a$ [6DEB]
2220 GOSUB 3390:GOSUB 3250:PRINT#1,"LJDr
ucken? (J/N)" [33BA]
2230 jn$="":WHILE jn$<>"J" AND jn$<>"N":
jn$=UPPER$(INKEY$):WEND [21AC]
2240 IF jn$="N" THEN 2260 [D436]
2250 GOSUB 3170 [5EAB]
2260 PRINT#1,"LJWeiteren Datensatz druck
en? (J/N)" [92CA]
2270 jn$="":WHILE jn$<>"J" AND jn$<>"N":
jn$=UPPER$(INKEY$):WEND:IF jn$="N"
THEN 3760 ELSE 2190 [4304]
2280 ' *****

* Daten sortieren *

***** [F754]
2290 IF dat$="" OR er=1 THEN GOSUB 3290:
IF dat$="" OR er=1 THEN 3760 [BE52]
2300 CLS:CLS #1:PRINT#1,"***** Date
n sortieren *****"; [026C]
2310 PRINT"QANach welchem Feld sortieren
:" [562C]
2320 FOR n=1 TO feld:feld$=RIGHT$(feld$(
n),LEN(feld$(n))-8):PRINT"OBX ";n;"
XOA - ";feld$:NEXT [B6A4]
2330 PRINT"JBitte Feldnummer eingeben: "
;l=2:t=2:GOSUB 3400:IF ret THEN 37
60 ELSE sort=VAL(in$):IF sort<1 OR
sort>feld THEN PRINT"KKK":GOTO 2330 [FF36]
2340 GOSUB 2350:GOTO 3760 [A16C]
2350 OPENIN ""+dat$ [E93E]
2360 FOR i=1 TO daz-1:f1=0 [A084]
2370 FOR j=daz-1 TO i STEP -1 [6ABA]
2380 a$=SPACE$(laenge):po=(j-1)*laenge:

```

```

R,@po,@a$:x1$=a$:GOSUB 3390 [AB6E]
2390 a1$=i$(sort):a$=SPACE$(laenge):po=j
*laenge:IR,@po,@a$:x2$=a$:GOSUB 339
0:a2$=i$(sort) [3262]
2400 IF a1$>a2$ THEN po=(j-1)*laenge:IW,
@po,@x2$:po=j*laenge:IW,@po,@x1$:f1
=1 [9DDA]
2410 IF INKEY$=CHR$(224) THEN j=i:f1=0 [8DB2]
2420 NEXT j:IF f1=0 THEN RETURN [2B50]
2430 NEXT i:RETURN [6C96]
2440 ' *****

* Neue Datei einrichten

***** [F82C]
2450 CLS:PEN 3:PRINT"Datei einrichten:" [2B64]
2460 PRINT"JJQAX 1 X - neue Maske defini
eren":PRINT"JX 2 X - Maske aus Date
i laden?" [459C]
2470 jn=0:WHILE jn<1 OR jn>2:jn=ASC(INKE
Y$+CHR$(0))-48:WEND:IF jn=1 THEN ma
s=0:GOTO 2600 [FDC6]
2480 CLS:PEN 1:PRINT"Maske aus Datei lad
en:" [5B10]
2490 PRINT:PEN 2:PRINT"Name der Datei:":
l=8:PEN 1:GOSUB 3400 [60F0]
2500 IF ret THEN 3760 ELSE dat$=UPPER$(i
n$):er=0:GOSUB 3670 [508E]
2510 IF er=1 THEN PRINT"JJGDatei nicht v
orhanden!":FOR n=1 TO 2000:NEXT:GO
TO 2490 [2930]
2520 CLS:PRINT"JMaskendatei wird geladen
!":GOSUB 3340 [F9A2]
2530 MODE 2:num=0:GOSUB 3510 [8BF6]
2540 a$=STRING$(laenge,95):GOSUB 3390:GO
SUB 3250 [0098]
2550 PRINT#1,"GMaske in Ordnung (J/N)?":
jn$="" [6EAE]
2560 WHILE jn$<>"J" AND jn$<>"N":jn$=UPP
ER$(INKEY$):WEND [C14A]
2570 MODE 1:GOSUB 3610 [6810]
2580 IF jn$="N" THEN 2450 [E046]
2590 mas=1 [903E]
2600 PEN 2:PRINT"JName der neuen Datei:":
PEN 1:l=8:GOSUB 3400 [5B68]
2610 IF ret THEN 3760 ELSE dat$=UPPER$(i
n$) [4542]
2620 PEN 2:PRINT"JGroeesse der Datei: ":
PEN 1:l=4:t=2:GOSUB 3400 [90BC]
2630 IF ret THEN 3760 ELSE anz=VAL(in$):
IF anz<1 OR anz>1000 THEN PRINT"G":
CLS:GOTO 2620 [4594]
2640 GOSUB 2690:ERASE dr$:DIM dr$(feld):
CLS:PRINT"JJJJ<3>Bitte warten!" [0B68]
2650 OPENOUT ""+dat$+".ind":PRINT#9,anz:
PRINT#9,0:CLOSEOUT [6134]
2660 OPENOUT ""+dat$:FOR n=1 TO anz:PRIN
T#9,SPACE$(laenge):LOCATE 16,8 [AF8C]
2670 PRINT USING "####";n:NEXT:PRINT#9,S
PACE$(128):PRINT#9,SPACE$(128):CLOS
EOUT:CLS:RETURN [3950]
2680 ' *****

* Eingabemaske definier
en *

***** [4EB8]
2690 IF mas=1 THEN 3080 ELSE MODE 2:GOSU
B 3500 [4616]
2700 x=1:y=1:LOCATE 1,1:PRINT"X X":c$="X
X" [A1FA]
2710 PRINT#1,"Cursortasten: Cursor steue
rn":PRINT#1,"CTRL+E: Eingabe beende
n - Definition" [B1C4]
2720 ' *****

* Maske aufbauen *

***** [CA0C]
2730 jn=ASC(INKEY$+CHR$(0)):IF jn=0 THEN
2730 ELSE IF jn=5 THEN LOCATE x,y:
PRINT MID$(c$,2,1):GOTO 2870 [DB80]
2740 IF jn<240 OR jn>243 THEN 2820 [C022]
2750 x1=x:y1=y:c1$=MID$(c$,2,1) [5E4C]
2760 x=x+(1 AND jn=243)-(1 AND jn=242):I
F x>58 THEN x=1:y=y+(1 AND y<18) EL
SE IF x<1 THEN x=58:y=y-(1 AND y>1) [E384]
2770 y=y+(1 AND jn=241)-(1 AND jn=240):I
F y>18 THEN y=1 ELSE IF y<1 THEN y=
18 [1AC6]
2780 IF x=x1 AND y=y1 THEN 2730 ELSE LOC
ATE x,y:CALL 40000:c$="X"+CHR$(PEEK
(40010))+X" [447A]
2790 LOCATE x1,y1:PRINT c1$;LOCATE x,y:
PRINT c$; [F5F6]

```



```

2800 LOCATE #2,1,1:PRINT#2,USING "x:## y
:##";x;y [51F6]
2810 GOTO 2730 [9E20]
2820 IF jn=127 THEN c$="X X":jn=242:GOTO
2750 [5DB2]
2830 IF jn=13 THEN LOCATE x,y:PRINT " ":c
$="X X":x=58:jn=243:GOTO 2750 [CCB6]
2840 c$="X"+CHR$(jn)+"X":jn=243:GOTO 275
0 [8366]
2850 GOTO 2730 [7A28]
2860 ' *****

* Maskendefinition *

***** [18C6]
2870 ERASE feld$:DIM feld$(20):glang=255
:feld=0:er=0:PRINT#1,"LJBitte warte
n. Maske wird definiert!":CLS #2 [105A]
2880 FOR y=1 TO 18:FOR x=1 TO 58 [EC46]
2890 LOCATE x,y:CALL 40000:c=PEEK(40010)
[F32E]
2900 IF c=58 AND feld>=20 THEN er=1:x=58
:y=18:PRINT#1,"LJGMehr als 20 Felde
r definiert!":GOTO 2930 [0B40]
2910 IF c=58 THEN feld=feld+1:GOSUB 2960
:GOSUB 3000:IF er=1 THEN PRINT#1,"L
JGFalsches Format!":x=58:y=18:GOTO
2930 [F986]
2920 glang=glang-lang:LOCATE #1,1,1:PRIN
T#1,glang:lang=0:IF glang<0 THEN PR
INT#1,"LJGLaenge der Felder zu gros
s (>255)!":x=58:y=18:er=1:GOTO 29
30 [77A2]
2930 NEXT x,y:IF er=1 THEN x=1:y=1:LOCAT
E x,y:CALL 40000:c$="X"+CHR$(PEEK(4
0010))+"X":LOCATE x,y:PRINT c$:CLS
#2:GOTO 2750 [0FFE]
2940 GOTO 3080 [AF26]
2950 ' **** Feld erfassen **** [4872]
2960 FOR x1=x-1 TO 1 STEP -1 [4A44]
2970 LOCATE x1,y:CALL 40000:c1=PEEK(4001
0):IF c1=32 THEN x1=1:GOTO 2980 ELS
E feld$(feld)=CHR$(c1)+feld$(feld) [2B20]
2980 NEXT:PRINT#2,feld$(feld):RETURN [227E]
2990 ' **** Laenge und Typ des Feldes **
** [D854]
3000 lang=0:typ=0:FOR x1=x+1 TO 58 [D782]
3010 LOCATE x1,y:CALL 40000:c1=PEEK(4001
0):IF x1=x+1 AND c1<>32 THEN er=1:x
1=58:GOTO 3050 [9C5E]
3020 IF c1=35 THEN lang=lang+1:IF typ=0
THEN typ=2 ELSE IF typ=1 THEN er=1:
x1=58:GOTO 3050 [480C]
3030 IF c1=36 THEN lang=lang+1:IF typ=0
THEN typ=1 ELSE IF typ=2 THEN er=1:
x1=58:GOTO 3050 [DC10]
3040 IF c1=32 AND x1>x+1 THEN x1=58:GOTO
3050 [2A6E]
3050 NEXT x1:IF er=1 THEN 3070 [95AE]
3060 feld$(feld)=HEX$(lang,2)+HEX$(typ,2
)+HEX$(x-LEN(feld$(feld)),2)+HEX$(y
,2)+feld$(feld) [2100]
3070 RETURN [8B94]
3080 MODE 1:PRINT"Folgende Felder sind d
efiniert:J" [96DC]
3090 FOR n=1 TO feld:PRINT feld$(n):NEXT
[7256]
3100 PRINT"JMaske wird gespeichert!" [25B4]
3110 laenge=0:FOR n=1 TO feld:laenge=lae
nge+VAL("&"+LEFT$(feld$(n),2)):NEXT
[D722]
3120 OPENOUT ""+dat$+".msk" [55C8]
3130 PRINT#9,feld:PRINT#9,laenge:FOR n=1
TO feld:PRINT#9,feld$(n):NEXT [EA66]
3140 CLOSEOUT [48AC]
3150 ERASE i$:DIM i$(feld):RETURN [839A]
3160 ' *****

* Daten drucken *

***** [3022]
3170 FOR n=1 TO feld:feld$=RIGHT$(feld$(
n),LEN(feld$(n))-8) [5B64]
3180 IF LEFT$(dr$(n),1)="J" AND LEN(dr$(
n))>1 THEN PRINT#8,feld$;" ": [F6BA]
3190 d$=RIGHT$(dr$(n),LEN(dr$(n))-1) [DEA2]
3200 IF d$="" THEN 3220 ELSE PRINT#8,i$(
n);" ";;FOR nn=1 TO LEN(d$):IF MID$(
d$,nn,1)=CHR$(241) THEN PRINT#8 [F57C]
3210 NEXT [E14A]
3220 NEXT:FOR n=1 TO vor:PRINT#8:NEXT [F730]
3230 RETURN [8D90]
3240 ' *****

* Datensatz anzeigen *

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```

***** [EF36]
3250 FOR n=1 TO feld:x=VAL("&"+MID$(feld
$(n),5,2)):y=VAL("&"+MID$(feld$(n),
7,2)) [BDAC]
3260 feld$=RIGHT$(feld$(n),LEN(feld$(n))
-8):LOCATE x,y:PRINT feld$;" ":i$(
n):NEXT [308A]
3270 LOCATE #2,1,22:PRINT#2,USING "Ds.:
####";num:RETURN [7C50]
3280 ' *****

* Datei eroeffnen *

***** [2306]
3290 CLS:PEN 1:PRINT"Datei noch nicht ge
oeffnet!":PRINT:PEN 2 [25F2]
3300 PRINT"Dateiname: ";PEN 1:l=8:GOSUB
3400 [50FC]
3310 IF ret THEN 3370 ELSE dat$=in$:er=0
:GOSUB 3660 [E884]
3320 IF er=1 THEN PEN 1:PRINT"JJGDatei n
icht vorhanden!":FOR n=1 TO 2000:N
EXT:GOTO 3290 [170A]
3330 CLS:OPENIN ""+dat$+".ind":INPUT #9,
anz:INPUT #9,daz:CLOSEIN [A68A]
3340 ERASE feld$,i$,dr$:OPENIN ""+dat$+"
.msk":INPUT#9,feld:INPUT#9,laenge [FA34]
3350 DIM feld$(feld),i$(feld),dr$(feld) [8ABE]
3360 FOR n=1 TO feld:LINE INPUT#9,feld$(
n):NEXT n:CLOSEIN [9F66]
3370 RETURN [AA9A]
3380 ' *****

* Stringzuweisung *

***** [635A]
3390 FOR n=1 TO feld:l=VAL("&"+LEFT$(fel
d$(n),2)):i$(n)=LEFT$(a$,1):a$=RIGH
T$(a$,LEN(a$)-1):NEXT n:RETURN [5D0E]
3400 ' *** Inputroutine ***

*Uebergabeparameter*

* l=Laenge t
=typ ** [0F30]
3410 ret=0:y=VPOS(#0):x=POS(#0):l1=0:in$
="" [B96C]
3420 LOCATE x,y:PRINT STRING$(1," ") [AA98]
3430 a$="":WHILE a$=""a$=INKEY$:WEND:a=
ASC(a$):IF a=224 THEN ret=1:t=1:RET
URN ELSE IF a=13 THEN t=1:RETURN [69B0]
3440 IF a$=CHR$(127) AND l1>0 THEN 3490
ELSE IF a$=CHR$(127) AND l1=0 THEN
3430 [666E]
3450 IF t=2 AND (a<48 OR a>57) THEN SOUN
D 2,500,3,7,,10:GOTO 3430 [3CCC]
3460 IF l1=1 THEN SOUND 1,2500,3,7:GOTO
3430 [D4F0]
3470 in$=in$+a$:l1=l1+1:LOCATE x+l1-1,y:
PRINT a$ [E7A0]
3480 GOTO 3430 [DB24]
3490 in$=LEFT$(in$,l1-1):l1=l1-1:LOCATE
x+l1,y:PRINT"_H":SOUND 1,1000,1,7:G
OTO 3430 [FDDB]
3500 ' *****

* Bildschirmmaske MODE
2 *

***** [1CE8]
3510 ol$=CHR$(150):ore$=CHR$(156):ul$=CH
R$(147):ur$=CHR$(153):wa$=CHR$(154)
:se$=CHR$(149) [1DEA]
3520 LOCATE 1,1:PRINT ol$;STRING$(60,wa
$);ore$;ol$;STRING$(16,wa$);ore$ [1BCA]
3530 FOR n=2 TO 19:LOCATE 1,n:PRINT se$:
LOCATE 62,n:PRINT se$:se$:LOCATE 80
,n:PRINT se$:NEXT [8CF4]
3540 LOCATE 1,20:PRINT ul$;STRING$(60,wa
$);ur$;se$;TAB(80);se$ [7206]
3550 LOCATE 1,21:PRINT ol$;STRING$(60,wa
$);ore$;se$;TAB(80);se$ [BABC]
3560 FOR n=22 TO 24:LOCATE 1,n:PRINT se$:
LOCATE 62,n:PRINT se$:se$:LOCATE 8
0,n:PRINT se$:NEXT [3D56]
3570 LOCATE 1,25:PRINT ul$;STRING$(60,wa
$);ur$;ul$;STRING$(16,wa$);ur$ [B852]
3580 WINDOW 2,61,2,19:WINDOW #1,2,61,22,
24:WINDOW #2,64,79,2,24 [C7C6]
3590 PEN #1,1:PEN #2,1:RETURN [5C5C]
3600 ' *****

* Bildschirmmaske MODE
1*

***** [5F80]

```

```

3610 a1$=CHR$(194)+STRING$(38,154)+CHR$(195):a2$=CHR$(193)+STRING$(38,154)+CHR$(192):a3$=CHR$(149) [6E1C]
3620 PEN#3,3:LOCATE #3,1,1:PRINT#3,a1$;a3$;TAB(40)a3$;a2$;:PRINT#3,a1$; [D1FA]
3630 FOR n=5 TO 20:LOCATE #3,1,n:PRINT#3,a3$;:LOCATE #3,40,n:PRINT #3,a3$;:NEXT [8334]
3640 PRINT#3,a2$;a1$;a3$TAB(40);a3$;a3$TAB(40)a3$;a2$; [A6F4]
3650 WINDOW 2,39,5,20:WINDOW #1,2,39,2,2:WINDOW #2,2,39,23,24:FOR n=0 TO 2:CLS #n:NEXT:PEN #1,2:RETURN [DEEE]
3660 ' *****

```

* Directory lesen *

```

***** [3964]
3670 ERASE a$:DIM a$(65):dat1$=LEFT$(UPPER$(dat$)+SPACE$(8),8)+".<3>" [3A44]
3680 a=PEEK(&BB5A):POKE &BB5A,&C9:CAT:POKE &BB5A,a [D9C8]
3690 anz=PEEK(&A912):a=PEEK(&A79C)*256+PEEK(&A79B)+1 [426C]
3700 FOR an=0 TO anz:FOR n=a TO a+10:x=PEEK(n):a$(an)=a$(an)+CHR$(x):NEXT:a=a+14:NEXT [0F74]
3710 FOR n=0 TO (anz AND anz<64)+(63 AND anz>=64):IF ASC(LEFT$(a$(n),1))=0 THEN a=n:n=anz:GOTO 3730 [E074]
3720 a$(n)=LEFT$(a$(n),8)+". "+RIGHT$(a$(n),3) [3426]
3730 NEXT:anz=a [A29A]
3740 FOR n=0 TO anz:IF dat1$=a$(n) THEN 3750 ELSE NEXT:er=1 [F0B2]
3750 RETURN [8A9E]
3760 ' *****

```

* Menue *

```

***** [D6F2]
3770 CLOSEIN [60FC]
3780 MODE 1:GOSUB 3600:PRINT#1,"***** [9FBA]
***** DATAFINE CPC *****";
3790 CLS:RESTORE 3970:FOR n=1 TO 8:READ a$:LOCATE 8,n*2-1 [0CEE]
3800 IF n<8 THEN PEN 1:PRINT"X"n"X - "; ELSE PAPER 1:PEN 3:PRINT"X 9 X";:PA

```

```

PER 0:PEN 1:PRINT" - "; [B1D0]
3810 PEN 2:PRINT a$:PRINT:NEXT [9F9A]
3820 ' *****

```

* Tastaturabfrage Zahle

```

n 1-9 *
***** [02F2]
3830 PRINT#2,TAB(9);CHR$(164);" 1986 by ms-Software "CHR$(255) [33FA]
3840 IF NOT(dat$="") AND er=0 THEN PRINT#2,TAB(9);"OBGeoeffnete Datei: ";dat$;"OA"; [697C]
3850 a$=INKEY$:IF a$="" THEN 3850 [0C08]
3860 a=ASC(a$+CHR$(0))-48:IF a<1 OR a>9 OR a=8 THEN SOUND 1,500,2,5:GOTO 3850 [AAAA]
3870 IF a=9 THEN a=8 [AA7A]
3880 LOCATE 5,(a-1)*2+1:PEN 3:PRINT STRING$(3,243) [001E]
3890 ' *****

```

* Sicherheitsabfrage *

```

***** [9F94]
3900 PRINT#2,"GJ<8>Sind Sie sicher? (J/N)":a$="" [DEE6]
3910 WHILE a$<>"J" AND a$<>"N":a$=UPPER$(INKEY$):WEND:CLS #2:IF a$="J" THEN 3930 [E690]
3920 LOCATE 5,(a-1)*2+1:PRINT"<3>":GOTO 3850 [697A]
3930 ON a GOTO 210,410,1170,1220,1530,1790,2290,3940 [EA4E]
3940 MODE 2:BORDER 1:INK 0,1:INK 1,24:PEN 1:PAPER 0:END [8EF2]
3950 GOTO 3950 [8C36]
3960 ' *****

```

* Datas fuer Menue *

```

***** [0A6C]
3970 DATA Daten eingeben,Datei pflegen,D
atei wechseln,Diskmenue,Drucker ein
stellen,Daten drucken,Daten sortier
en,GENDE [BB7B]

```