

```

1 REM ***** <074>
2 REM * BASIC-ERWEITERUNGEN * <088>
3 REM * TAB(X,Y) / CHR$(X) / INPUT (X), "...[SPACE]* <233>
   <214>
4 REM * * <231>
5 REM * HEIND VELDER, 5.1.84 * <119>
6 REM * * <233>
7 REM ***** <080>
8 : <066>
9 : <088>
10 DIM H(75) : FOR I=0 TO 9 <088>
11 H(48+I)=I : H(65+I)=I+10 : NEXT <250>
12 FOR I=49152 TO 50341 : READ A$ <102>
13 H=ASC(LEFT$(A$,1)):L=ASC(RIGHT$(A$,1)) <063>
14 D=H(H)*16+H(L) : S=S+D : POKE I,D <181>
15 A=A+1 : IF A<10 THEN NEXT : END <072>
16 PRINT "ZEILE:";1000+Z; <1012>
17 READ V : A=0 : Z=Z+1 : IF V=S THEN 90 <043>
18 PRINT "PRUEFSUMMENFEHLER !"; : STOP <096>
19 S=0 : PRINT : NEXT : END <216>
20 : <157>
21 DATA AD,09,03,C9,C0,F0,3D,8D,8B,C4, 1355 <142>
22 DATA AD,08,03,8D,8A,C4,AD,26,03,8D, 1014 <117>
23 DATA 8B,C4,AD,27,03,8D,89,C4,A9,C0, 1382 <127>
24 DATA 8D,09,03,A9,45,8D,0B,03,A2,6A, 811 <031>
25 DATA A9,C2,D0,12,AD,8A,C4,8D,08,03, 1248 <123>
26 DATA AD,8B,C4,8D,09,03,AE,8B,C4,AD, 1340 <163>
27 DATA 89,C4,8E,26,03,8D,27,03,60,9B, 947 <031>
28 DATA 48,A0,01,B1,7A,F0,17,C9,99,D0, 1357 <102>
29 DATA 0C,A9,4C,85,73,A9,15,85,74,A9, 1113 <097>
30 DATA C2,D0,17,C9,85,D0,15,20,7B,C0, 1335 <093>
31 DATA A5,73,E0,4C,D0,0C,A9,E6,85,73, 1447 <127>
32 DATA A9,7A,85,74,A9,D0,85,75,68,AB, 1437 <122>
33 DATA 6C,8A,C4,CB,B1,7A,C9,20,F0,F9, 1663 <164>
34 DATA C9,28,F0,01,60,20,FB,AB,20,9B, 1216 <096>
35 DATA B7,C9,29,D0,68,20,73,00,C9,2C, 1129 <096>
36 DATA D0,61,8A,48,20,73,00,C9,22,D0, 1105 <066>
37 DATA 0B,20,BD,AE,A9,3B,20,FF,AE,20, 1127 <166>
38 DATA 21,AB,AA,AS,D3,8D,92,C4,EE,92, 1617 <174>
39 DATA C4,18,68,6D,92,C4,EE,92,C4,8D, 1496 <158>
40 DATA 93,C4,AB,B1,D1,8D,94,C4,AD,92, 1701 <150>
41 DATA C4,8D,95,C4,CE,95,C4,78,AD,14, 1546 <168>
42 DATA 03,8D,8E,C4,AD,15,03,8D,8F,C4, 1159 <157>
43 DATA A9,01,8D,14,03,A9,C2,8D,15,03, 862 <047>
44 DATA 58,8A,20,CE,AB,20,F3,C1,58,A0, 1351 <135>
45 DATA 00,84,C6,88,C6,7B,4C,FB,AB,4C, 1358 <166>
46 DATA 5F,AB,78,AS,9D,F0,06,20,F3,C1, 1422 <148>
47 DATA 4C,81,EA,AD,95,C4,AS,C6,D0,03, 1531 <161>
48 DATA 4C,E2,C1,AD,8E,02,4A,6A,05,CB, 1200 <161>
49 DATA A2,06,DD,0E,C2,F0,50,CA,10,FB, 1383 <155>
50 DATA A6,CB,0E,02,F0,0E,00,01,F0,0A, 1324 <137>
51 DATA A6,D3,EC,95,C4,90,03,8E,95,C4, 1592 <159>
52 DATA A6,D3,C9,82,D0,05,EC,92,C4,F0, 1739 <167>
53 DATA 2E,C9,80,D0,2C,AC,93,C4,CC,95, 1495 <185>
54 DATA C4,F0,03,EE,95,C4,C4,D3,F0,13, 1688 <166>
55 DATA 88,B1,D1,48,B1,F3,29,0F,C8,91, 1415 <138>
56 DATA F3,68,29,7F,91,D1,8B,D0,E9,A9, 1615 <161>
57 DATA 20,91,D1,A9,00,85,CF,F0,7A,C9, 1458 <152>
58 DATA 00,D0,3D,A4,D3,88,CB,B1,D1,48, 1438 <146>
59 DATA B1,F3,29,0F,88,91,F3,68,29,7F, 1272 <143>
60 DATA 91,D1,C8,CC,93,C4,D0,EA,A9,00, 1712 <176>
61 DATA 85,CF,AD,94,C4,91,D1,AC,92,C4, 1725 <194>
62 DATA CC,95,C4,F0,03,CE,95,C4,88,A9, 1648 <190>
63 DATA 20,91,D1,A6,C6,A9,9D,9D,76,02, 1353 <145>
64 DATA A9,82,D0,84,C9,01,D0,1E,EE,93, 1464 <162>
65 DATA C4,A9,00,85,CF,A4,D3,B1,D1,29, 1507 <166>
66 DATA 7F,91,D1,A9,20,AC,95,C4,CB,CC, 1603 <192>
67 DATA 93,C4,F0,12,91,D1,D0,F6,EC,93, 1792 <167>
68 DATA C4,90,09,A6,C6,E6,C6,A9,9D,9D, 1624 <196>
69 DATA 77,02,A9,00,85,D8,85,C7,4C,B1, 1176 <128>
70 DATA EA,AS,C6,F0,F3,C6,C6,10,EF,78, 1851 <216>
71 DATA AD,8E,C4,8D,14,03,AD,8F,C4,8D, 1328 <218>
72 DATA 15,03,60,A9,C0,48,A9,FC,48,0B, 1054 <131>
73 DATA 0B,0B,0B,6C,8E,C4,07,87,33,B3, 842 <079>
74 DATA B1,BF,BB,E6,7A,D0,02,E6,7B,9B, 1574 <208>
75 DATA 48,A0,00,B1,7A,C9,A3,D0,3D,AS, 1329 <165>
76 DATA 7B,48,AS,7A,48,20,9B,B7,C9,2C, 1169 <181>
77 DATA D0,2A,BA,48,A9,13,20,D2,FF,20, 1177 <127>
78 DATA 9B,B7,C9,29,D0,27,8A,F0,0B,A9, 1382 <183>
79 DATA 11,20,D2,FF,CA,D0,F8,68,AA,F0, 1686 <216>
80 DATA 06,20,3B,AB,CA,D0,FA,20,73,00, 1075 <154>
81 DATA 68,6B,D0,06,6B,85,7A,6B,85,7B, 1141 <135>
82 DATA 68,AB,4C,79,00,4C,5F,AB,0B,48, 891 <125>
83 DATA 8D,96,C4,AS,9A,C9,03,D0,17,9B, 1393 <179>
84 DATA 48,BA,48,AD,96,C4,A2,24,DD,61, 1317 <182>
85 DATA C4,F0,0E,CA,CA,CA,10,F6,68,AA, 1592 <243>
86 DATA 68,AB,68,2B,4C,CA,F1,78,BD,62, 1342 <192>
87 DATA C4,8D,90,C4,8D,63,C4,8D,91,C4, 1643 <205>

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Listing »Basic-Erweiterungen«

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1067 DATA 20,DC,C2,A0,00,A2,04,AD,8B,02, 1083 <147>
1068 DATA 84,D9,84,DB,85,DA,85,E0,29,03, 1452 <180>
1069 DATA 04,8D,85,DC,85,E2,21,D0,29, 1392 <191>
1070 DATA 0F,85,E3,20,CE,C2,20,D1,C2,68, 1346 <175>
1071 DATA AA,68,AB,68,28,1B,58,60,6C,90, 1046 <152>
1072 DATA C4,A2,0B,8D,97,C4,95,D9,CA,10, 1489 <222>
1073 DATA FB,60,A2,0B,85,D9,9D,97,C4,CA, 1621 <223>
1074 DATA 10,F8,60,A9,00,85,D3,60,A2,31, 1180 <123>
1075 DATA A9,EA,D0,04,A2,FD,A9,C2,BE,14, 1555 <232>
1076 DATA 03,8D,15,03,60,20,EA,FF,A9,00, 954 <113>
1077 DATA 85,91,4C,34,EA,A2,47,A9,FE,D0, 1504 <208>
1078 DATA 04,A2,C1,A9,FE,8E,18,03,8D,19, 1117 <190>
1079 DATA 03,60,B1,D9,49,80,91,D9,B1,DB, 1452 <176>
1080 DATA 29,0F,CS,E3,D0,05,AD,86,02,91, 1147 <173>
1081 DATA DB,C8,D0,EA,E6,DA,E6,DC,CA,D0, 2169 <063>
1082 DATA E3,60,38,98,E9,28,85,DF,85,E1, 1518 <196>
1083 DATA B0,04,C6,E0,C6,E2,A0,2B,B1,D9, 1620 <194>
1084 DATA 91,DF,B1,DB,91,E1,C8,D0,F5,CA, 1989 <017>
1085 DATA F0,0A,E6,DA,E6,DC,E6,E0,E6,E2, 2058 <022>
1086 DATA D0,E8,A0,C0,A9,20,91,D9,AS,E3, 1747 <214>
1087 DATA 91,DB,CB,D0,F5,60,18,AS,DA,69, 1625 <223>
1088 DATA 03,85,DA,85,E0,29,03,09,DB,85, 1113 <156>
1089 DATA DC,85,E2,A9,28,85,DF,85,E1,A0, 1662 <233>
1090 DATA D7,88,B1,D9,91,DF,B1,DB,91,E1, 1879 <002>
1091 DATA 98,D0,F4,CA,F0,0A,C6,DA,C6,DC, 1890 <028>
1092 DATA C6,E0,C6,E2,D0,E7,A0,27,A9,20, 1685 <219>
1093 DATA 91,D9,AS,E3,91,DB,88,10,F5,60, 1611 <196>
1094 DATA A2,19,A0,26,B1,D9,48,B1,DB,CB, 1447 <219>
1095 DATA 91,DB,68,91,D9,88,88,10,F1,CB, 1559 <210>
1096 DATA 20,42,C4,D0,E9,60,A2,19,A0,01, 1179 <159>
1097 DATA B1,D9,48,B1,DB,88,91,DB,68,91, 1611 <222>
1098 DATA D9,C8,CB,C0,28,D0,EF,88,20,42, 1530 <217>
1099 DATA C4,D0,E7,60,AS,D1,85,D9,AS,D2, 1830 <228>
1100 DATA 29,03,09,D8,85,DA,A0,27,A9,20, 1020 <169>
1101 DATA 91,D1,AS,E3,91,D9,88,10,F5,60, 1601 <186>
1102 DATA A6,D2,18,AS,D3,65,D1,90,01,E8, 1463 <197>
1103 DATA E8,85,DF,A0,FF,D0,1F,A6,D2,18, 1642 <013>
1104 DATA AS,D3,65,D1,90,01,E8,88,85, 1502 <202>
1105 DATA DA,29,03,09,D8,85,DC,A9,FF,85, 1397 <003>
1106 DATA DF,AD,88,02,18,69,04,AA,CB,A9, 1206 <238>
1107 DATA 01,91,D9,AS,E3,91,DB,C4,DF,D0, 1746 <255>
1108 DATA F3,E6,DA,E6,DC,E4,DA,D0,EB,60, 2126 <056>
1109 DATA A9,20,91,D9,AS,E3,91,DB,18,A9, 1512 <225>
1110 DATA 28,65,D9,85,D9,85,DB,90,02,E6, 1436 <216>
1111 DATA DA,AS,DA,29,03,09,D8,85,DC,CA, 1425 <013>
1112 DATA 60,0B,EC,C2,0C,F2,C2,0F,07,C3, 1202 <228>
1113 DATA 10,0D,C3,06,18,C3,07,E7,C2,15, 902 <129>
1114 DATA 36,C3,16,6C,C3,17,AC,C3,18,C6, 1186 <226>
1115 DATA C3,19,E2,C3,1A,FC,C3,1B,0D,C4, 1350 <255>
1116 DATA 00,00,00,00,00,00,00,00,00, 0000 <027>
1117 DATA 00,00,00,00,00,00,00,00,00, 0000 <028>
1118 DATA 00,00,00,00,00,00,00,00,00, 0000 <029>

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Reverse Hardcopy MPS 801/ VC 1515/ GP 100VC

In der Ausgabe 10/84 des 64'er Magazins veröffentlichen wir eine Hardcopy-Routine für die Drucker MPS801, VC 1515 und GP 100VC. Folgende Zeilen sollten geändert werden, um einen reversen Ausdruck zu erreichen:

- 470 DATA 9,128,32,0,197,70,151,144,223,165,176,105,6,133,176,144,2,230,177
- 620 IF B <> 45343 THEN PRINT "FEHLER IN DATENZEILE!"
- 630 FOR I=50432 TO 50437:READ A:POKE I,A:NEXT
- 640 DATA 73,127,32,210,255,96

(Dipl.-Ing. Reinhard Zinn/rg)