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100 ' [117]
110 ' EDIT1 (einfacher Editor fuer Bildau [3125]
fbau)
120 ' [117]
130 ' geschrieben 1989 von Frank Schimmel [2931]
140 ' [117]
150 ' Nach Abbruch durch [ESC] - Wiederauf [4158]
ruf mit RUN 290
160 ' [117]
170 ' [117]
180 ' [117]
190 ' [117]
200 MEMORY &5EFF [178]
210 ' fuer EDIT1.BIN [761]
220 LOAD"edit1.bin" [1021]
230 ' fuer AUFBAU.BIN [969]
240 LOAD"aufbau.bin" [1527]
250 ' Screen an &6000 laden [1586]
260 LOAD"screen",&6000 [1193]
270 ' Eingabe [925]
280 INK 0,1:INK 1,24:INK 2,9:INK 3,19 [1496]
290 MODE 2 [513]
300 PRINT"Festlegen der Rechteckgroesse":P [2615]
RINT
310 INPUT"x-Laenge des Rechtecks (Teiler v [3951]
. 80): ",x1a
320 IF 80/x1a<>INT(80/x1a) THEN 310 [1207]
330 INPUT"y-Laenge des Rechtecks (Teiler v [5068]
. 200): ",y1a
340 IF 200/y1a<>INT(200/y1a) THEN 330 [2391]
350 POKE &5F24,x1a:POKE &5F25,y1a [2464]
360 n=80/x1a*200/y1a [1787]
370 DIM adr(n),b(n) [1270]
380 CLS [91]
390 PRINT"<1> Bildaufbau mit Editor defini [3213]
eren"
400 PRINT"<2> Bildaufbau durch Zufallsgene [5511]
rator bestimmen"
410 a$=INKEY$:IF a$<>"1" AND a$<>"2" THEN [1360]
410
420 IF a$="2" THEN 880 [774]
430 t$=CHR$(242)+CHR$(243)+CHR$(240)+CHR$( [3761]
241)+CHR$(224)+CHR$(127)
440 ' [117]
450 xmax=80:ymax=200 [1301]
460 x=1:y=1:GOSUB 770 [1445]
470 WHILE INKEY$<>"":WEND [1786]
480 a$=INKEY$ [278]
490 IF a$="" THEN 480 [763]
500 IF INSTR(t$,a$)<>0 THEN GOSUB 730 ELSE [2137]
GOTO 480
510 ON INSTR(t$,a$) GOSUB 540,560,580,600, [3326]
630,680
520 IF i=n THEN PRINT"Alle Rechtecke festg [3913]
elegt.":GOTO 1230
530 GOTO 470 [454]
540 IF x>1 THEN x=x-x1a [629]
550 GOTO 770 [419]

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560 IF x<xmax-x1a THEN x=x+x1a [2143]
570 GOTO 770 [419]
580 IF y>1 THEN y=y-y1a [1473]
590 GOTO 770 [419]
600 IF y<ymax-y1a THEN y=y+y1a [2688]
610 GOTO 770 [419]
620 'Copy [364]
630 i=i+1 [444]
640 yadr=y-1:xadr=x-1 [1906]
650 adr(i)=49152+2048*yadr-16304*INT(yadr/ [3141]
8)+xadr
660 farb=&X11100111 [779]
670 GOTO 820 [320]
680 ' DEL [460]
690 IF i>0 THEN i=i-1:farb=255:GOTO 820 [1571]
700 PRINT "Zurueck zu Neueingabe der Rechte [4764]
ckgroesse (J/N)?"
710 a$=UPPER$(INKEY$):IF a$="" THEN 710 ELS [2645]
E IF a$="J" THEN RUN 270
720 GOTO 770 [419]
730 ' alten hintergrund wieder hin [1983]
740 IF farb=255 THEN POKE &5F26,0:CALL &5F [4045]
00,adrxy:GOTO 760
750 IF farb=&X11100111 THEN POKE &5F26,&X1 [2801]
0101010:CALL &5F00,adrxy
760 RETURN [555]
770 j=1:yadr=y-1:xadr=x-1:farb=255 [1652]
780 adrxy=49152+2048*yadr-16304*INT(yadr/8 [2923]
)+xadr
790 IF i=0 THEN 820 [929]
800 IF adr(j)=adrxy THEN farb=&X11100111:G [2640]
OTO 820
810 IF j<i THEN j=j+1:GOTO 800 [1829]
820 POKE &5F26, farb [848]
830 CALL &5F00,adrxy [1297]
840 RETURN [555]
850 ' "geordnete" Berechnung der liob Ecke [3315]
der Rechtecke f. Aufbau
860 ' n Rechtecke [994]
870 ' [117]
880 CLS:PRINT "Adressen werden berechnet." [3599]
890 i=1 [423]
900 c=1 [351]
910 FOR x=0 TO 79 STEP x1a [1991]
920 c=-c [323]
930 IF c>0 THEN 990 [1144]
940 FOR y=0 TO 199 STEP y1a [1774]
950 adr(i)=49152+2048*y-16304*INT(y/8)+x [1507]
960 i=i+1 [444]
970 NEXT [350]
980 GOTO 1030 [357]
990 FOR y=200-y1a TO 0 STEP -y1a [1213]
1000 adr(i)=49152+2048*y-16304*INT(y/8)+x [1507]
1010 i=i+1 [444]
1020 NEXT [350]
1030 NEXT [350]
1040 'GOTO 1230 [456]
1050 ' [117]
1060 ' Bildaufbau mit Zufallsgenerator [1788]
1070 ' [117]
1080 ' adr "geordnete" Adressen [1168]
1090 ' b "zufaellige" Adressen [1957]

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|------|--|--------|
| 1100 | ' | [117] |
| 1110 | FOR i=1 TO n | [456] |
| 1120 | zufall=INT(RND(1)*(n-i+1)+1) | [2174] |
| 1130 | b(i)=adr(zufall) | [1018] |
| 1140 | adr(zufall)=adr(n-i+1) | [1665] |
| 1150 | NEXT | [350] |
| 1160 | FOR i=1 TO n | [456] |
| 1170 | adr(i)=b(i) | [807] |
| 1180 | NEXT | [350] |
| 1190 | ' | [117] |
| 1200 | ' Adressen einpoken | [1354] |
| 1210 | ' Tabelle erstellen/ save | [2154] |
| 1220 | ' | [117] |
| 1230 | ad=&A0A8 | [912] |
| 1240 | FOR i=1 TO n | [456] |
| 1250 | POKE ad,adr(i)-INT(adr(i)/256)*256 | [2216] |
| 1260 | ad=ad+1 | [315] |
| 1270 | POKE ad,INT(adr(i)/256) | [513] |
| 1280 | ad=ad+1 | [315] |
| 1290 | NEXT | [350] |
| 1300 | POKE &A0A4,xla | [802] |
| 1310 | POKE &A0A5,yla | [814] |
| 1320 | tabend=ad-2 | [1237] |
| 1330 | IF tabend<0 THEN tabend=tabend+65536 | [3457] |
| 1340 | POKE &A0A6,tabend-INT(tabend/256)*256 | [2612] |
| 1350 | POKE &A0A7,INT(tabend/256) | [1840] |
| 1360 | CLS:PRINT"Daten fuer Bildaufbau einge POKEd." | [5118] |
| 1370 | PRINT:PRINT"f1 - Bildaufbau anschauen " | [2260] |
| 1380 | PRINT"f2 - Bildaufbau speichern" | [3685] |
| 1390 | 'event1. Modus aendern | [880] |
| 1400 | KEY 1,"mode 1:call &a000"+CHR\$(13) | [3150] |
| 1410 | KEY 2,"INPUT"+CHR\$(34)+" NAME: "+CHR\$(34)+",a\$:SAVE a\$,b,&A000,ad-&A000"+CHR\$(13) | [4200] |
| 1420 | ' | [117] |
| 1430 | 'nur die Daten speichern (ohne Rumpfgm) | [2831] |
| 1440 | 'INPUT" NAME: ",a\$:SAVE a\$,b,&A0A4,ad-&A0A4 | [1746] |

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100 ad=&5F00:sz=7:ln=300:lnstp=10 [1309]
110 ON ERROR GOTO 150 [1519]
120 su=0:READ a$:cs=VAL("&" + a$):FOR i=ad T [7449]
O ad+sz:READ a$:a=VAL("&" + a$):POKE i,a:su=
su+a:NEXT:IF cs<>su THEN PRINT"DATA ERROR
in"+STR$(ln):END
130 ad=ad+sz+1:ln=ln+lnstp:GOTO 120 [3904]
140 SAVE"edit1.bin",b,&5F00,&27 [879]
150 IF ERR=4 THEN RESUME 140 [2159]
160 ON ERROR GOTO 0 [1381]
300 DATA 02EE,DD,6E,00,DD,66,01,3A,25 [1967]
310 DATA 0453,5F,47,C5,E5,E5,D1,13,3A [1991]
320 DATA 01FC,26,5F,77,3A,24,5F,3D,06 [1124]
330 DATA 047C,00,4F,ED,B0,E1,CD,26,BC [1605]
340 DATA 0399,C1,10,E7,C9,05,14,FF,00 [2076]

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100 ad=&A000:sz=7:ln=300:lnstp=10 [2492]
110 ON ERROR GOTO 150 [1519]
120 su=0:READ a$:cs=VAL("&"+a$):FOR i=ad T [7449]
O ad+sz:READ a$:a=VAL("&"+a$):POKE i,a:su=
su+a:NEXT:IF cs<>su THEN PRINT"DATA ERROR
in"+STR$(ln):END
130 ad=ad+sz+1:ln=ln+lnstp:GOTO 120 [3904]
140 SAVE"aufbau.bin",b,&A000,&AO [937]
150 IF ERR=4 THEN RESUME 140 [2159]
160 ON ERROR GOTO O [1381]
300 DATA 04B3,FD,2A,A6,A0,DD,21,A8,A0 [1813]
310 DATA 03B0,21,A0,A0,DD,46,01,DD,4E [965]
320 DATA 02A3,00,71,23,70,23,FD,7E,01 [1812]
330 DATA 038C,D6,60,FD,4E,00,71,23,77 [1419]
340 DATA 0525,CD,53,A0,CD,19,BD,DD,E5 [1307]
350 DATA 04DC,FD,E5,E1,C1,78,BC,20,04 [1289]
360 DATA 036A,79,BD,28,0C,DD,23,DD,23 [2406]
370 DATA 046F,CD,19,BD,CD,7F,A0,18,C8 [1846]
380 DATA 0540,21,A8,A0,FD,E5,C1,78,BC [1815]
390 DATA 0446,20,03,79,BD,C8,FD,2B,FD [1643]
400 DATA 03A8,2B,18,B1,2A,A2,A0,ED,5B [2173]
410 DATA 04B0,A0,A0,3A,A5,A0,47,C5,E5 [1067]
420 DATA 0395,D5,3A,A4,A0,4F,06,00,ED [942]
430 DATA 04B8,B0,D1,E1,3E,60,84,67,CD [1273]
440 DATA 04B3,26,BC,7C,D6,60,67,EB,CD [944]
450 DATA 0534,26,BC,EB,C1,10,E0,C9,ED [1139]
460 DATA 0426,5B,A0,A0,3A,A5,A0,47,C5 [1278]
470 DATA 03B2,D5,D5,E1,13,36,00,3A,A4 [985]
480 DATA 03B0,A0,3D,4F,06,00,ED,B0,E1 [1498]
490 DATA 051C,CD,26,BC,EB,C1,10,E8,C9 [2088]

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