

Program 1.

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10 REM *****
20 REM ***** BACK UP UTILITY *****
30 REM ***** K.R.LASLETT 1985 *****
40 REM *****
50 ON BREAK GOSUB 500
60 INK 0,0:INK 1,26:INK 2,6:INK 3,24
70 BORDER 0:PAPER 0:PEN 1:ORIGIN 0,0:CLS
80 LOCATE 1,25:PRINT"LOADING PLEASE WAIT:"
90 REM *****TAPE*****
100 PLOT 120,90:DRAW 120,100,1:DRAW 170,100:DRAW 170,90:
DRAW 250,90:DRAW 250,80:DRAW 230,80:DRAW 230,77:DRAW
250,77:DRAW 250,70:DRAW 230,70:DRAW 230,67:DRAW 250,67:
DRAW 250,60:DRAW 200,60:DRAW 200,50:DRAW 190,50:DRAW
190,60:DRAW 180,60:DRAW 180,70
110 DRAW 170,70:DRAW 170,60:DRAW 160,60:DRAW 160,90:DR
AW 150,90:DRAW 150,60:DRAW 140,60:DRAW 140,90:PLOT 160
,90:DRAW 170,90:PLOT 170,80:DRAW 180,80:DRAW 180,77:DR
AW 170,77:DRAW 170,80:PLOT 200,80:DRAW 210,80:DRAW 210
,77:DRAW 200,77:DRAW 200,80
120 PLOT 190,90:DRAW 190,60:PLOT 220,90:DRAW 220,60:PL
OT 140,90:DRAW 120,90
130 REM *****10*****
140 PLOT 280,90:DRAW 340,90:DRAW 340,60:DRAW 310,60:DR
AW 310,90:PLOT 310,80:DRAW 300,80:DRAW 300,60:DRAW 290
,60:DRAW 290,80:DRAW 280,80:DRAW 280,90:PLOT 320,80:DR
AW 330,80:DRAW 330,77:DRAW 320,77:DRAW 320,80
150 REM *****TAPE2*****
160 PLOT 360,100:DRAW 410,100:DRAW 410,90:DRAW 490,90:
DRAW 490,80:DRAW 470,80:DRAW 470,77:DRAW 490,77:DRAW 4
90,70:DRAW 470,70:DRAW 470,67:DRAW 490,67:DRAW 490,60:
DRAW 440,60:DRAW 440,50:DRAW 430,50:DRAW 430,60:DRAW 4
20,60:DRAW 420,70:DRAW 410,70
170 DRAW 410,60:DRAW 400,60:DRAW 400,90:DRAW 390,90:DR
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AW 390,60:DRAW 380,60:DRAW 380,90:DRAW 360,90:DRAW 360
,100:PLOT 400,90:DRAW 410,90:PLOT 410,80:DRAW 420,80:D
RAW 420,77:DRAW 410,77:DRAW 410,80:PLOT 430,90:DRAW 43
0,60:PLOT 460,90:DRAW 460,60
180 PLOT 440,80:DRAW 450,80:DRAW 450,77:DRAW 440,77:DR
AW 440,80
190 REM *****CASSETTE*****
200 PLOT 90,320:DRAW 100,330:DRAW 290,330:DRAW 300,330
:DRAW 300,210:DRAW 290,200:DRAW 100,200:DRAW 90,210:DR
AW 90,320:PLOT 120,200:DRAW 130,230:DRAW 260,230:DRAW
270,200:
210 PLOT 150,220:DRAW 158,220:DRAW 158,213:DRAW 150,21
3:DRAW 150,220:PLOT 240,220:DRAW 240,213:DRAW 232,213:
DRAW 232,220:DRAW 240,220:PLOT 170,287:DRAW 220,287:DR
AW 220,275:DRAW 170,275:DRAW 170,287
220 PLOT 330,320:DRAW 340,330:DRAW 530,330:DRAW 540,32
0:DRAW 540,210:DRAW 530,200:DRAW 340,200:DRAW 330,210:
DRAW 330,320:PLOT 360,200:DRAW 370,230:DRAW 500,230:DR
AW 510,200:PLOT 390,220:DRAW 398,220:DRAW 398,213:DRAW
390,213:DRAW 390,220
230 PLOT 480,220:DRAW 480,213:DRAW 472,213:DRAW 472,22
0:DRAW 480,220:PLOT 410,287:DRAW 460,287:DRAW 460,275:
DRAW 410,275:DRAW 410,287
240 PLOT 100,310:DRAW 110,320,2:DRAW 280,320:DRAW 290,
310:DRAW 290,240:DRAW 100,240:DRAW 100,310:PLOT 340,31
0:DRAW 350,320:DRAW 520,320:DRAW 530,310:DRAW 530,240:
DRAW 540,240:DRAW 540,310
250 PLOT 140,290:DRAW 250,290:PLOT 250,260:DRAW 140,26
0:PLOT 380,290:DRAW 490,290:PLOT 490,260:DRAW 380,260
260 REM *****LOGO*****
270 PLOT 70,340,3:DRAW 60,350:DRAW 60,380:DRAW 70,390:
DRAW 100,390:DRAW 110,380:DRAW 110,350:DRAW 100,340:DR
AW 70,340:PLOT 100,350:DRAW 80,350:DRAW 70,360:DRAW 70
,370:DRAW 80,380:DRAW 100,380:DRAW 100,370
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280 DRAW 80,370: DRAW 80,360: DRAW 100,360: DRAW 100,350:
PLOT 120,340: DRAW 120,390: DRAW 140,390: DRAW 140,380: DR
AW 150,390: DRAW 230,390: DRAW 240,370: DRAW 240,390: DRAW
290,390: DRAW 300,380: DRAW 300,390: DRAW 310,390: DRAW 3
10,340
290 DRAW 290,340: DRAW 280,350: DRAW 280,340: DRAW 250,34
0: DRAW 250,370: DRAW 230,340: DRAW 210,380: DRAW 190,380:
DRAW 190,370: DRAW 200,370: DRAW 200,360: DRAW 190,360: DR
AW 190,350: DRAW 210,350: DRAW 210,340: DRAW 150,340: DRAW
140,350
300 DRAW 140,340: DRAW 120,340: PLOT 170,390: DRAW 170,34
0: DRAW 150,365: DRAW 170,390: PLOT 210,390: DRAW 210,380:
PLOT 250,390: DRAW 250,370: PLOT 270,390: DRAW 270,340: PL
OT 330,340: DRAW 330,390: DRAW 350,390: DRAW 350,360: DRAW
370,360
310 DRAW 380,390: DRAW 400,390: DRAW 410,360: DRAW 420,36
0: DRAW 410,370: DRAW 410,390: DRAW 470,390: DRAW 470,360:
DRAW 490,360: DRAW 490,390: DRAW 610,390: DRAW 610,370: DR
AW 600,370: DRAW 600,340: DRAW 580,340: DRAW 580,370: DRAW
560,370
320 DRAW 560,340: DRAW 540,340: DRAW 540,370: DRAW 530,37
0: DRAW 530,380: DRAW 510,380: DRAW 510,370: DRAW 520,370:
DRAW 520,360: DRAW 510,360: DRAW 510,350: DRAW 530,350: DR
AW 530,340: DRAW 400,340: DRAW 400,350: DRAW 380,350: DRAW
380,340
330 DRAW 330,340: PLOT 370,360: DRAW 370,340: PLOT 390,37
0: DRAW 380,360: DRAW 400,360: DRAW 390,370: PLOT 450,390:
DRAW 450,340: PLOT 450,350: DRAW 430,370: DRAW 450,370: PL
OT 410,360: DRAW 410,340: PLOT 490,360: DRAW 490,340: PLOT
530,390: DRAW 530,380
340 PLOT 570,390: DRAW 570,370
350 REM ****ARROW****
360 PLOT 250,150: DRAW 270,165: DRAW 250,180: DRAW 350,16
5: DRAW 330,190: DRAW 380,165: DRAW 330,140: DRAW 350,165:

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DRAW 250,150
370 REM ****CIRCLES****
380 PLOT 250,260: DRAW 250,260,2
390 FOR A=0 TO 67: DEG: ORIGIN 245,275: PLOT 16*COS(A),16
*SIN(A): NEXT: ORIGIN 0,0
400 FOR A=292 TO 360: DEG: ORIGIN 245,275: PLOT 16*COS(A)
,16*SIN(A): NEXT: ORIGIN 0,0
410 FOR A=0 TO 67: DEG: ORIGIN 485,275: PLOT 16*COS(A),16
*SIN(A): NEXT: ORIGIN 0,0
420 FOR A=292 TO 360: DEG: ORIGIN 485,275: PLOT 16*COS(A)
,16*SIN(A): NEXT: ORIGIN 0,0
430 FOR A=112 TO 257: DEG: ORIGIN 145,276: PLOT 16*COS(A)
,16*SIN(A): NEXT: ORIGIN 0,0
440 FOR A=112 TO 257: DEG: ORIGIN 385,276: PLOT 16*COS(A)
,16*SIN(A): NEXT: ORIGIN 0,0
450 r%=10: x%=150: y%=275: DEG: ORIGIN x%,y%: FOR i%=1 TO 4
5: a%=r%*COS(i%): b%=r%*SIN(i%): PLOT a%,b%,1: PLOT -a%,b%
: PLOT a%,-b%: PLOT -a%,-b%: PLOT b%,a%: PLOT -b%,a%: PLOT
b%,-a%: PLOT -b%,-a%: NEXT
460 r%=10: x%=240: y%=275: DEG: ORIGIN x%,y%: FOR i%=1 TO 4
5: a%=r%*COS(i%): b%=r%*SIN(i%): PLOT a%,b%,1: PLOT -a%,b%
: PLOT a%,-b%: PLOT -a%,-b%: PLOT b%,a%: PLOT -b%,a%: PLOT
b%,-a%: PLOT -b%,-a%: NEXT
470 r%=10: x%=390: y%=275: DEG: ORIGIN x%,y%: FOR i%=1 TO 4
5: a%=r%*COS(i%): b%=r%*SIN(i%): PLOT a%,b%,1: PLOT -a%,b%
: PLOT a%,-b%: PLOT -a%,-b%: PLOT b%,a%: PLOT -b%,a%: PLOT
b%,-a%: PLOT -b%,-a%: NEXT
480 r%=10: x%=480: y%=275: DEG: ORIGIN x%,y%: FOR i%=1 TO 4
5: a%=r%*COS(i%): b%=r%*SIN(i%): PLOT a%,b%,1: PLOT -a%,b%
: PLOT a%,-b%: PLOT -a%,-b%: PLOT b%,a%: PLOT -b%,a%: PLOT
b%,-a%: PLOT -b%,-a%: NEXT
490 PAPER 0: RUN"! "
500 ORIGIN 0,0: STOP

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Program 2.

```
5 REM *****
10 REM ***** BASIC CONTROL PROGRAM *****
15 REM ***** K.R.LASLETT *****
20 REM *****
25 MEMORY 42999:LOAD"! "
30 WINDOW 1,40,24,25:CALL &BC65:CLS:PRINT CHR$(7):PRINT
T"INPUT SAVE SPEED":PRINT"0-NORMAL OR 1-FAST."
40 A$=INKEY$:IF A$="" GOTO 40
50 IF A$="1" THEN SPEED WRITE 1
60 CLS:PRINT CHR$(7):CALL 43000
70 CLS:PRINT CHR$(7):PRINT"SAVE AGAIN":PRINT"YES OR NO
"
80 B$=INKEY$:IF B$="" GOTO 80
90 IF B$="Y" OR B$="y" THEN 110
100 GOTO 60
110 CLS:PRINT CHR$(7):CALL &AB23:GOTO 70
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Program 3.

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10 REM MACHINE CODE LOADER
20 MEMORY 42999
30 FOR address=43000 TO 43095
40 READ byte:POKE address,byte
50 NEXT address
60 SAVE"AMSTRAD BACK UP",B,43000,96
65 END
100 DATA &06,&00,&21,&E8,&03,&11,&28,&04
110 DATA &CD,&77,&BC,&D2,&4C,&A8,&22,&EA
120 DATA &03,&ED,&53,&EC,&03,&ED,&43,&EE
130 DATA &03,&32,&F0,&03,&21,&28,&0C,&CD
140 DATA &83,&BC,&D2,&4C,&A8,&22,&F1,&03
150 DATA &CD,&7A,&BC,&06,&10,&2A,&EA,&03
160 DATA &11,&28,&04,&CD,&8C,&BC,&D2,&52
170 DATA &A8,&22,&F3,&03,&21,&28,&0C,&ED
180 DATA &5B,&EE,&03,&ED,&4B,&F1,&03,&3A
190 DATA &F0,&03,&CD,&98,&BC,&D2,&52,&A8
200 DATA &CD,&8F,&BC,&C9,&CD,&7D,&BC,&C3
210 DATA &FE,&A7,&CD,&92,&BC,&C3,&F8,&A7
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