

Art Show  
By Tiny Arcade (Tom McConnell).  
1982.  
Tape 103.

This "AstroBASIC" program listing was created using Bob Colbert's 2007 Windows utility "wBallyBin 1.0 [Version 2]" on November 25, 2022.

```
004 |down_arrow|;SM=1;O=1;&(9)=48
005 NT=0;BC=4;FC=80;I=-50
010 clear ;print
020 CX=-46;print "SELECT PROGRAM
030 print ;CX=I;print "[1] COMPUTER CROCHET"
032 CX=I;print "[2] SPIRATHON";CX=I;print "[3] JEWEL BOX
034 CX=I;print "[4] RADIATION";CX=I;print "[5] TONES I";CX=I;print "[6]
STARFLAKES
036 CX=I;print "[7] COMBINED DISPLAY
040 I=KP;if I=49goto 100
050 if I=50goto 300
060 if I=51goto 500
065 if I=52goto 700
070 if I=53goto 800
080 if I=54goto 900
090 if I=55 O=0;goto 100
100 clear
102 for L=1to 34
105 K=rnd (4)|*|2
110 FC=rnd (255);BC=rnd (32)|*|8+FC+4
120 C=3
130 Q=rnd (7);if Q<3C=Q
140 S=rnd (6)|*|2+2
145 if (K=S)+(K>S)goto 140
150 for R=0to rnd (15)|*|2+10step S
160 for Z=-Rto Rstep S
170 box Z,R,K,K,C
180 box R,Z,K,K,C
190 box -R,Z,K,K,C
200 box -Z,-R,K,K,C
210 next Z;next R
220 for T=1to 900;next T
230 next L;if Ogoto 102
300 clear
302 VR=2;VF=1
305 for L=1to 24;VC=12
308 if rnd (3)<3BC=0;goto 310
309 BC=6
310 X=0;Y=0;U=0;V=0
320 for Z=rnd (8)+20to rnd (8)+1step -1;TC=Z;next Z
330 for Z=14to 1step -2;VC=Z;for T=1to 25;next T;next Z
340 if rnd (6)=1clear ;C=1;goto 360
350 if rnd (3)>1C=1;goto 360
355 C=rnd (2)+1
360 FC=rnd (32)|*|8+2
370 F=rnd (5)|*|8
380 line 0,F,0
390 for A=0to rnd (5)|*|8step 2
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392 line F,Y+A,C
394 line U-A,F,C
396 line -F,V-A,C
398 line X+A,-F,C
400 line F,Y+A,C
410 next A;for T=1to 300;next T
420 next L;if Ogoto 305
450 |down_arrow|
500 clear ;BC=0
510 for L=1to 100;C=3;W=rnd (4)
520 FC=rnd (31)|*|8+3
530 Q=rnd (6);if Q<3C=Q
540 A=rnd (24)|*|2+2
550 P=rnd (24)|*|2
560 B=A-P
570 for Z=0to Pstep rnd (2)|*|2
580 box 0,0,A-Z,B+Z,C
590 next Z
600 if W=1box 0,0,B+Z,B+Z,3
610 for D=1to 99;next D;next L;if Ogoto 510
700 for L=1to 6;clear ;C=rnd (2);BC=rnd (32)|*|8;FC=rnd (32)|*|8+6;line 0,0,0
704 for B=1to 2;E=rnd (6);for Z=-32to 32step 2
706 if E=3line 0,-40,1
708 line Z,-Z|*|Z|divided_by|30,0
710 if E=5line 0,40,1
712 line Z|*|C,Z|*|Z|divided_by|30,1
714 if E=1line 0,-40,1
716 if E=6line 0,0,1
718 if E=4line 0,40,1
720 line Z|*|C,-Z|*|Z|divided_by|30,1
722 if E=2line 0,-40,1
726 next Z
728 next B;for T=1to 500;next T;next L;if Ogoto 700
800 clear
805 for L=1to 22;T=130;Q=rnd (4)|*|2;S=rnd (3)|*|4;V=S|divided_by|4;R=rnd
(32)|*|8;&(0)=R;&(1)=R;BC=rnd (32)|*|8
806 C=3
808 FC=rnd (32)|*|8+3;P=rnd (32)|*|8+3;&(2)=P;&(3)=P
810 for Z=-72to 72step S;box Z,0,Q,88,C;T=T+V;&(9)=T
820 next Z
830 if rnd (4)=1box 0,0,112,60,3
840 next L;if Ogoto 800
850 &(9)=48
900 clear ;for L=1to 32;A=rnd (16)|*|2;FC=14;BC=rnd (32)|*|8+1;FC=rnd
(32)|*|8+6
910 for Z=-40to 40step 2;box Z,Z,A,A,3;box -Z,Z,A,A,3;next Z
915 for D=1to 350;next D
920 if rnd (3)=1box 0,0,72,72,rnd (3)
930 if rnd (3)=1box 0,0,40,40,rnd (3)
940 if rnd (3)=1box 0,0,56,56,rnd (3)
950 next L
960 if Ogoto 900
970 goto 100

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