

88DF:C9	88	A9	00	38	ED	1F	9F	84	8B6F:20	A0	8B	20	30	8C	20	56	7C	8DFF:0C	A9	00	8D	02	9F	8D	03	11
88E7:AA	A9	80	ED	20	9F	4C	CD	8D	8B77:8C	20	D1	8B	20	89	8D	20	32	8E07:9F	8D	04	9F	60	A9	FF	8D	09
88EF:BD	60	60	60	A9	01	D0	0C	09	8B7F:B0	8C	20	A0	8B	20	0A	8C	9D	8E0F:02	9F	AD	0B	9F	CD	08	9F	5F
88F7:A9	01	D0	2A	A9	08	D0	04	ED	8B87:20	56	8C	20	F7	8B	20	89	8F	8E17:D0	05	A9	00	8D	02	9F	A9	70
88FF:A9	08	D0	22	AA	A0	01	20	1E	8B8F:8D	20	BC	8C	20	E4	8B	20	A1	8E1F:00	8D	03	9F	8D	04	9F	8D	43
8907:BA	FF	20	43	89	A9	00	85	28	8B97:0A	8C	20	56	8C	20	E4	8D	7C	8E27:10	9F	CE	10	9F	0E	0C	9F	FB
890F:FB	A9	40	85	FC	A9	FB	AE	20	8B9F:60	A9	00	8D	02	9F	8D	04	D7	8E2F:2E	0D	9F	2E	0E	9F	2E	0F	D7
8917:1F	9F	AC	20	F0	20	D8	FF	68	8BA7:9F	AD	00	9F	8D	03	9F	60	0C	8E37:9F	10	EF	AD	0A	9F	10	03	F2
891F:90	03	4C	F9	E0	60	AA	A0	E2	8BAF:A9	00	8D	02	9F	8D	04	9F	48	8E3F:4C	4D	8E	EE	10	9F	0E	09	BA
8927:01	20	BA	FF	20	43	89	A9	E4	8BB7:AD	01	9F	8D	03	9F	60	B9	C3	8E47:9F	2E	0A	9F	10	F5	4E	0F	FE
892F:00	A2	00	A0	40	20	D5	FF	23	8BBF:02	9D	8D	02	9F	B9	03	9D	98	8E4F:9F	6E	0E	9F	6E	0D	9F	6E	E8
8937:90	03	4C	D1	E1	8E	1F	9F	21	8BC7:8D	03	9F	B9	04	9D	8D	04	AB	8E57:0C	9F	4E	0A	9F	6E	09	9F	35
893F:8C	20	9F	60	A9	00	20	BD	E5	8BCF:9F	60	B9	05	9D	8D	02	9F	1D	8E5F:A2	10	AD	0A	9F	38	ED	09	2B
8947:FF	20	06	E2	20	57	E2	4C	C1	8BD7:B9	06	9D	8D	03	9F	B9	07	EA	8E67:9F	8D	16	9F	AD	0F	9F	ED	4B
894F:BD	FF	A9	00	8D	01	9F	20	46	8BDF:9D	8D	04	9F	60	B9	08	3B	8E6F:0A	9F	90	0A	8D	0F	9F	AD	C1	
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895F:72	89	A9	C8	8D	01	9F	20	9F	8BEF:9F	B9	0A	9D	8D	04	9F	60	7C	8E7F:9F	2E	04	9F	0E	0C	9F	2E	80
8967:58	8A	A9	00	8D	00	9F	20	4A	8BF7:B9	0B	9D	8D	02	9F	B9	0C	49	8E87:0D	9F	2E	0E	9F	2E	0F	9F	2D
896F:72	89	60	20	71	8D	A0	00	2F	8BFF:9D	8D	03	9F	B9	0D	9D	8D	6E	8E8F:CA	D0	CF	AD	10	9F	30	03	7D
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897F:9E	20	A0	8B	20	0A	8C	20	19	8C0F:9F	B9	03	9D	8D	06	9F	B9	1E	8E9F:4E	04	9F	6E	03	9F	4C	9A	89
8987:56	8C	AD	0A	9F	0D	09	9F	22	8C17:04	9D	8D	07	9F	60	B9	05	B2	8EA7:8E	60	78	A9	C6	8D	14	03	65
898F:F0	4B	AD	08	9F	8D	16	9F	23	8C1F:9D	8D	05	9F	B9	06	9D	8D	B3	8EAF:A9	8E	8D	15	03	58	A9	00	15
8997:20	30	8C	20	56	8C	AD	0A	A4	8C27:06	9F	B9	07	9D	8D	07	9F	A3	8EB7:8D	DD	9F	20	78	8F	20	5E	A9
899F:9F	0D	09	9F	F0	37	AD	08	A8	8C2F:60	B9	08	9D	8D	05	9F	B9	3B	8EBF:8F	A9	A0	8D	ED	9F	60	48	F2
89A7:9F	CD	16	9F	F0	2F	20	6F	AE	8C37:09	9D	8D	06	9F	B9	0A	9D	E3	8EC7:A5	C5	C9	03	30	0E	C9	07	E6
89AF:8B	AD	00	9E	0A	6D	00	9E	82	8C3F:8D	07	9F	60	B9	0B	9D	8D	9D	8ECF:10	0A	AD	DD	9F	C9	00	F0	20
89B7:0A	AA	AD	02	9F	9D	05	9E	6C	8C47:05	9F	B9	0C	9D	8D	06	9F	91	8ED7:0C	4C	E0	8E	A9	00	8D	DD	59
89BF:AD	03	9F	9D	06	9E	AD	04	42	8C4F:B9	0D	9D	8D	07	9F	60	AD	3A	8EDF:9F	68	4C	31	EA	A9	3F	8D	8D
89CF:9F	0D	07	9E	A9	00	9D	02	67	8C57:05	9F	49	FF	8D	05	9F	CD	91	8EE7:02	DD	A5	C5	C9	04	D0	06	94
89CF:9E	9D	04	9E	AD	00	9F	9D	4E	8C5F:02	9F	D0	17	8D	08	9F	AD	66	8EEF:20	49	8F	4C	3B	8F	C9	05	D6
89D7:03	9E	EE	00	9E	AD	00	9F	3D	8C67:03	9F	18	6D	06	9F	8D	09	96	8EF7:D0	06	20	5E	8F	4C	3B	8F	9C
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89E7:FC	89	B9	08	9D	D0	0E	B9	99	8C77:0A	9F	60	AD	03	9F	38	ED	59	8F07:3B	8F	AD	00	DD	C9	97	F0	93
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8A6F:AD	0A	9F	0D	09	9F	F0	4B	96	8CFF:ED	14	9F	AD	0F	9F	ED	15	CB	8F8F:A9	E8	8D	CD	9F	A9	80	85	67
8A77:AD	08	9F	8D	16	9F	20	43	E4	8D07:9F	90	26	AD	0C	9F	38	ED	F2	8F97:FC	A9	00	85	FB	AD	02	40	D2
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8AB7:07	9E	AD	01	9F	9D	06	9E	DB	8D47:0E	9F	8D	0E	9F	AD	15	9F	61	8FD7:C6	96	60	20	5E	8F	A9	A0	33
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908F:CD 9F 18 69 01 8D CD 9F 92
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909F:C9 40 30 06 20 0E 90 4C C2
90A7:8E 90 C9 01 D0 03 4C 35 DD
90AF:95 C9 02 D0 03 4C 73 93 1F
90B7:AD CD 9F 18 6D E7 9F 90 73
90BF:03 EE CC 9F 18 69 02 8D A9
90C7:CD 9F 90 03 EE CC 9F A5 89
90CF:FD 18 69 01 85 FD 90 02 7A
90D7:E6 FE B1 FD 8D E6 9F 8C 16
90DF:E4 9F 88 88 B1 FD 38 ED D8
90E7:E6 9F B0 08 B1 FD 8D E6 82
90EF:9F 8C E4 9F 88 88 D0 EC 8F
90F7:AC E7 9F B1 FD 8D E5 9F 0A
90FF:8C E3 9F 88 88 B1 FD 38 1C
9107:ED E5 9F 90 08 B1 FD 8D DD
910F:E5 9F 8C E3 9F 88 88 D0 28
9117:EC AC E4 9F 8C E2 9F A5 47
911F:FD 38 E9 01 85 FD B0 02 24
9127:C6 FE A2 02 AC E2 9F B1 C3
912F:FD EE E2 9F AC E1 9F 91 21
9137:FB EE E1 9F CA D0 ED CD 8D
913F:E5 9F F0 14 AD E2 9F 38 D0
9147:E9 04 8D E2 9F D0 DB AD E5
914F:E7 9F 8D E2 9F 4C 29 91 40
9157:AC E1 9F A9 FF 91 FB AC C2
915F:E4 9F 8C E2 9F A2 02 AC D4
9167:E2 9F B1 FD EE E2 9F AC E8
916F:E0 9F 91 FB CE E0 9F CA E0
9177:D0 ED CD E5 9F F0 10 AD 25
917F:E7 9F CD E2 9F 10 DE A9 0B
9187:02 8D E2 9F 4C 64 91 A0 1D
918F:00 84 FB A0 34 8C E1 9F 94
9197:AF FB 8C E0 9F A0 03 84 B3
919F:FC 20 F3 95 AD FE 9F 38 02
91A7:E9 C8 90 03 4C 4D 90 AD 9A
91AF:FE 9F CD FC 9F F0 EA 20 7A
91B7:36 96 AD FA 9F CD F8 9F C6
91BF:F0 F5 20 C5 97 AD FF 9F 4C
91C7:4A 4A 8D DB 9F AD FB 9F 5D
91CF:4A 4A 38 ED DB 9F B0 03 52
91D7:4C BE 96 8D E8 9F AD FB 99
91DF:9F 29 03 8D E9 9F A9 00 77
91E7:8D F0 9F 8D EE 9F 20 8A 9B
91EF:92 AD F1 9F 18 6D F7 9F 06
91F7:8D F1 9F 90 03 EE F0 9F B0
91FF:38 ED F6 9F AA AD F0 9F 21
9207:E9 00 90 0F 8D F0 9F 8E 22
920F:F1 9F 20 68 95 AD F1 9F 86
9217:4C FF 91 AD EF 9F 18 6D 0B
921F:F4 9F 8D EF 9F 90 03 EE 8B
9227:EE 9F 38 ED F3 9F AA AD B2
922F:EE 9F E9 00 90 0F 8D EE BB
9237:9F 8E EF 9F 20 A7 95 AD 40
923F:EF 9F 4C 29 92 AD FE 9F 49
9247:C9 C7 D0 03 4C B6 96 20 18
924F:CA 95 AD FE 9F CD FC 9F B2
9257:D0 18 20 F3 95 AD FC 9F 2B
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927F:38 ED FA 9F F0 E9 90 E7 CD
9287:4C ED 91 AD EC 9F 85 FD 4A
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9297:F0 77 10 05 68 68 4C BE A1
929F:96 20 64 93 AE EA 9F E0 1F
92A7:00 F0 0E CA F0 11 CA F0 C9
92AF:16 29 FC D0 D7 9F 4C CB 3C
92B7:92 AD D4 9F 4C CB 92 29 06
92BF:C0 0D D5 9F 4C CB 92 29 1D
92C7:F0 0D D6 9F A0 00 91 FD A3
92CF:AE E8 9F A5 FD 18 69 08 FF
92D7:85 FD 90 02 E6 FE CA F0 2B
92DF:08 AD D4 9F 91 FD 4C D2 F8
92E7:92 20 64 93 AE E9 9F F0 71
92EF:1F CA F0 B6 CA F0 10 29 89
92F7:03 0D D3 9F 4C B0 93 29 35
92FF:3F 0D D1 9F 4C B0 93 29 1B
9307:F0 0D D2 9F A0 00 91 FD 73
930F:60 AE EA 9F EC E9 9F 10 C7
9317:4B 20 64 93 E0 00 F0 0B A5
931F:CA F0 19 29 F3 0D D0 9F B2
9327:4C 5F 93 AE E9 9F CA F0 FD
932F:1A CA F0 1F 29 03 0D D3 69
9337:9F 4C 5F 93 AE E9 9F E0 A3
933F:02 F0 18 29 C3 0D CE 9F C8
9347:4C 5F 93 29 0F 0D D2 9F 6B
934F:4C 5F 93 29 CF 0D CF 9F 73
935F:A0 00 91 FD 60 78 A9 34 55
9367:85 01 A0 00 B1 FD A0 37 A3
936F:84 01 58 60 AD CD 9F 85 93
9377:FB 18 69 06 8D CD 9F AD C0
937F:CC 9F 85 FC 69 00 8D CC A8
9387:9F AD DF 9F 10 08 AD DE BA
938F:9F 10 03 4C 4D 90 A9 02 B1
9397:8D E1 9F 20 F3 95 A9 01 3E
939F:8D CB 9F AD FE 9F 38 ED 24
93A7:FC 9F 90 08 8D F6 9F A9 F8
93AF:FF 8D CB 9F AD F5 9F 10 42
93B7:27 AC FC 9F AD FE 9F 8D 6D
93BF:FC 9F 8C FE 9F AC FD 9F 1A
93C7:AD FF 9F 8D FD 9F 8C FF 1A
93CF:9F AC CB 9F 10 05 C8 C8 54
93D7:4C DC 93 88 88 8C CB 9F 05
93DE:20 C5 97 AD F6 9F CD F7 20
93E7:9F B0 47 AD F7 9F 4A 8D 2F
93EF:F1 9F A9 00 8D F0 9F AE 4B
93F7:F7 9F E0 00 D0 03 4C 4D 97
93FF:90 CA 20 7F 94 AD F1 9F FC
9407:18 6D F6 9F 8D F1 9F 90 74
940F:03 EE F0 9F AD F1 9F 38 3A
9417:ED F7 9F A8 AD F0 9F E9 0E
941F:00 90 08 8C F1 9F 8D F0 70
9427:9F 20 DB 94 20 B9 94 4C 4A
942F:F9 93 AD F6 9F 4A 8D F1 92
9437:9F A9 00 8D F0 9F AE F6 CD
943F:9F E0 00 D0 03 4C 4D 90 F1
9447:CA AD FF 9F C9 A0 F0 03 F0
944F:20 7F 94 AD F1 9F 18 6D 81
9457:F7 9F 8D F1 9F 90 03 EE 69
945F:F0 9F AD F1 9F 38 ED F6 6E
9467:9F A8 AD F0 9F E9 00 90 84
946F:09 8C F1 9F 8D F0 9F 20 08
9477:B9 94 20 DB 94 4C 4D 94 4F
947F:AD EC 9F 85 FD AD EB 9F 25
9487:85 FE 20 64 93 AC EA 9F 42
948F:F0 10 88 F0 15 88 F0 1A 1C
9497:29 FC D0 D7 9F A0 00 91 C4
949F:FD 60 29 3F 0D D1 9F 4C 34
94A7:9C 94 29 CF 0D CF 9F 4C 99
94AF:9C 94 29 F3 0D D0 9F 4C E7
94B7:9C 94 EE FF 9F EA 9F 60
94BF:AD EA 9F C9 04 F0 01 60 51
94C7:AD EC 9F 18 69 08 8D EC EB
94CF:9F 90 03 EE EB 9F A9 00 6D
94D7:8D EA 9F 60 AD CB 9F 30 88
94DF:29 AD FE 9F 29 07 C9 07 E2
94E7:F0 0B EE EC 9F D0 17 EE 56
94EF:EB 9F 4C 05 95 AD EC 9F AD
94F7:18 69 39 8D EC 9F AD EB B4
94FF:9F 69 01 8D EB 9F EE FE 07
9507:9F 60 AD FE 9F 29 07 C9 39
950F:00 F0 0E AD EC 9F D0 03 9D
9517:CE EB 9F CE EC 9F 4C 31 35
951F:95 AD EC 9F 38 E9 39 8D 81
9527:EC 9F AD EB 9F E9 01 8D 59
952F:EB 9F CE FE 9F 60 AD DF BB
9537:9F 10 05 AD DE 9F 30 18 9F
953F:A0 02 B1 FD 8D FF 9F C8 C5
9547:B1 FD 8D FE 9F 38 E9 C8 E6
954F:B0 06 20 D5 97 20 7F 94 85
9557:AD CD 9F 18 69 04 8D CD 86
955F:9F 90 03 EE CC 9F 4C 4D 98
9567:90 AD EA 9F 18 6D F5 9F 9F
956F:30 08 C9 04 F0 1B 8D EA 28
9577:9F 60 AD EC 9F 38 E9 08 C8
957F:8D EC 9F B0 03 CE EB 9F 76
9587:A9 03 8D EA 9F EE E8 9F D2
958F:60 AD EC 9F 18 69 08 8D F1
9597:EC 9F 90 03 EE EB 9F A9 73
959F:00 8D EA 9F CE E8 9F 60 3F
95A7:AD E9 9F 18 6D F2 9F 30 40
95AF:08 C9 04 F0 0D 8D E9 9F F2
95B7:60 A9 03 8D E9 9F CE E8 0B
95BF:9F 60 A9 00 8D E9 9F EE 4A
95C7:E8 9F 60 AD FE 9F 29 07 06
95CF:C9 07 F0 0B EE EC 9F 90 6B
95D7:17 EE EB 9F 4C EF 95 AD BC
95DF:EC 9F 18 69 39 8D EC 9F 7C
95E7:AD EB 9F 69 01 8D EB 9F 25
95EF:EE FE 9F 60 AC E1 9F B1 2A
95F7:FB 8D FF 9F C8 B1 FB 8D 11
95FF:FE 9F C8 B1 FB 8D 9F 78
9607:A2 01 8E F5 9F 38 ED FF B0
960F:9F B0 0B A2 FF 8E F5 9F 89
9617:AD FF 9F 38 F1 FB 8D F7 25
961F:9F C8 B1 FB 8D FC 9F 38 1C
9627:ED FE 9F 8D F6 9F 4A 8D 30
962F:F1 9F 88 8C E1 9F 60 AC 12
9637:E0 9F B1 FB 8D FB 9F 88 D6
963F:B1 FB 8D FA 9F 88 B1 FB 24
9647:A2 01 8E F2 9F 38 ED FB BC
964F:9F B0 0B A2 FF 8E F2 9F C3
9657:AD FB 9F 38 F1 FB 8D F4 61
965F:9F 88 B1 FB 8D FB 9F 38 3C
9667:ED FA 9F 8D F3 9F 4A 8D 57
966F:EF 9F C8 8C E0 9F 60 AD 52
9677:DA 9F 29 03 8D 9F 7F 0A 64
967F:0A 0D D7 9F 8D D6 9F 0A FA
9687:0A 0D D7 9F 8D D5 9F 0A FE
968F:0A 0D D7 9F 8D D4 9F 0A 03
9697:0A 8D D3 9F 0A 0A 8D D2 08
969F:9F 0A 8D D1 9F 4A 4A 25
96A7:8D CF 9F 4A 4A 8D D0 9F F1
96AF:0D CF 9F 8D CE 9F 60 A9 83
96B7:00 8D DF 9F 4C 4D 90 A9 A0
96BF:80 8D DF 9F 4C 4D 90 A0 DF
96C7:00 91 FB C8 D0 FB 9F FC A6
96CF:E4 FC D0 F5 CC DC 9F 32
96D7:06 91 FB C8 4C D3 96 60 B7
96DF:AD ED 9F C9 A0 F0 0F C9 A0
96E7:E0 F0 73 20 5E 8F A9 A0 57
96EF:8D ED 9F 4C F5 96 A9 00 75
96F7:A0 00 99 A0 99 00 A1 B5
96FF:99 00 A2 99 00 A3 99 00 A9
9707:A4 99 00 A5 99 00 A6 99 FC
970F:00 A7 99 00 A8 99 00 A9 B0
9717:99 00 AA 99 00 AB 99 00 E3
971F:AC 99 00 AD 99 00 AE 99 A9
9727:00 AF 99 00 B0 99 00 B1 13
972F:99 00 B2 99 00 B3 99 00 1D
9737:B4 99 00 B5 99 00 B6 99 56
973F:00 B7 99 00 B8 99 00 B9 75
9747:99 00 BA 99 00 BB 99 00 56
974F:BC 99 00 BD 99 00 BE 99 03
9757:00 BF 88 D0 9D 60 A9 00 56
975F:A0 00 99 00 E0 99 00 E1 61
9767:99 00 E2 99 00 E3 99 00 1C
976F:E4 99 00 E5 99 00 E6 99 0A
9777:00 E7 99 00 E8 99 00 E9 6B
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9797:99 00 F2 99 00 F3 99 00 8E
979F:F4 99 00 F5 99 00 F6 99 63
97A7:00 F7 99 00 F8 99 00 F9 30
97AF:99 00 FA 99 00 FB 99 00 C7
97B7:FC 99 00 FD 99 00 FE 99 10
97BF:00 FF 88 D0 9D 60 A9 00 CE
97C7:85 FE 8D DB 9F AD FE 9F 3A
97CF:29 F8 85 FD 0A 26 FE 0A 53
97D7:26 FE 18 65 FD 90 02 E6 50
97DF:FE 0A 26 FE 0A 26 FE 0A B6
97E7:26 FE 85 FD AD FE 9F 29 4C
97EF:07 18 65 FD 85 FD 90 02 7C
97F7:E6 FE AD FF 9F 29 FC 0A B5
97FF:2E DB 9F 18 65 FD 85 FD DE
9807:8D EC 9F A5 FE 6D DB 9F 8D
980F:6D ED 9F 85 FE 8D EB 9F 64
9817:AD FF 9F 29 03 8D EA 9F 69
981F:60 05 40 00 00 FF FF 00 C9

Program 2: Animation Demo

```

JC 90 POKE51,255:POKE52,63:POK
E55,255:POKE56,63
SE 100 INPUT"[CLR] {4 DOWN} DO Y
OU WANT TO SAVE (Y/N)";
NS$:IFNS$="N"THEN140
CH 110 IFNS$<"Y"THEN100
XX 120 INPUT"DISK OR TAPE (D/T
)" :DV$
EX 130 IF(DV$<"D")AND(DV$<"T
")THEN120
XQ 140 CLEAR:SETCOLOR 1,6,0,14
,1:SC=9:RECORD:FOR5=1TO
70:AN=AN+10:C=C+1:SC=SC
*.94
JE 150 TH=AN*1/180
KA 160 A(1)=-10:B(1)=10:A(2)=1
0:B(2)=10:A(3)=10:B(3)=
-10:A(4)=-10:B(4)=-10
DA 170 NU=4:GOSUB1000:NEXT
KF 180 IFDV$="D"THEN:DPUT"SQUA
RES"
MB 190 IFDV$="T"THEN:LOWRES:CP
UT"SQUARES"
XM 200 PLAY:PLAY:CLEAR
CJ 210 SETCOLOR 1,6,0,7,1:SC=2
:RECORD:C=C+1:AN=0:FOR5=0
TO70:C=C+1:SC=SC*.94
HJ 220 TH=AN*1/180
JS 230 A(1)=-60:B(1)=40:A(2)=6
0:B(2)=40:A(3)=0:B(3)=
-75:NU=3:GOSUB1000
HA 240 A(1)=0:B(1)=75:A(2)=60:
B(2)=-40:A(3)=-60:B(3)=
-40:GOSUB1000:AN=AN+5:N
EXT
PD 250 IFDV$="D"THEN:DPUT"STAR
S"
HE 260 IFDV$="T"THEN:LOWRES:CP
UT"STARS"
DQ 270 PLAY:PLAY:CLEAR
DK 280 SC=2:C=C+1:TH=0:SETCOLOR
{SPACE}1,3,5,7,9:RECORD
:FOR5=0TO70:C=C+1:SC=SC
*.94
AM 290 A(1)=-60:B(1)=40:A(2)=6
0:B(2)=40:A(3)=0:B(3)=
-75:NU=3:GOSUB1000
JA 300 A(1)=0:B(1)=75:A(2)=60:
B(2)=-40:A(3)=-60:B(3)=
-40:NU=3:GOSUB1000:NEXT
PD 310 IFDV$="D"THEN:DPUT"MORE
STARS"
GG 320 IFDV$="T"THEN:LOWRES:CP
UT"MORE STARS"
KB 330 PLAY:PLAY:CLEAR
KQ 340 SC=5:C=C+1:AN=0:SETCOLOR
{SPACE}1,0,7,14,1:RECO
RD:FOR5=0TO1040:SC=SC+.1
:C=C+1
GX 350 IFC=4THENC=1
HA 360 TH=AN*1/180:A(1)=0:B(1)
=0:A(2)=0:B(2)=1:NU=2:G
OSUB1000:AN=AN+5:NEXT
AS 370 IFDV$="D"THEN:DPUT"RAVS
"
GF 380 IFDV$="T"THEN:LOWRES:CP
UT"RAVS"
DH 390 PLAY:CLEAR:PLAY:CLEAR
RC 400 OF=135:SC=700:GAP=500:D
G=1/180:SETCOLOR 1,6,0,
7,1:RECORD
AP 410 FORAN=0TO180STEP5:TH=AN
*DG:FORBE=0TO360STEP5:G
M=BE*DG:DL=(BE+OF)*DG
HB 420 A(1)=-50:B(1)=40*SIN(GM
):C(1)=40*COS(GM)
DB 430 A(2)=50:B(2)=40*SIN(DL)
:C(2)=40*COS(DL)
BB 440 FORN=1TO2:GOSUB4000:GOS
UB5000:NEXT:C=3:GOSUB10
20:NEXTBE:SWITCH:NEXTAN

```

```

AM 450 IFDV$="D"THEN:DPUT"WIRE
S"
ES 460 IFDV$="T"THEN:LOWRES:CP
UT"WIRES"
MC 470 PLAY:CLEAR:LOWRES:PRINT
"[CLR] PLEASE WAIT..."
GM 480 DIM SN(360),CS(360):DG=
1/180:FORX=0TO360STEP2:
TH=X*DG:SN(X)=SIN(TH)
JH 490 CS(X)=COS(TH):NEXT:OF=1
35:SC=350:GA=25:GM=30*D
G:SETCOLOR 1,0,2,7,5:RE
CORD
BP 500 FORAN=0TO342STEP2:TH=AN
*DG:RESTORE:FORFA=1TO6:
READC
CG 510 FORVE=1TO4:READA(VE),B(
VE),C(VE):NEXTVE
JP 520 FORN=1TO4:GOSUB6000:GOS
UB7000
GE 530 A(N)=A(N)+4-AN/50:B(N)=
B(N)+4-AN/50:C(N)=C(N)-
AN/20:GOSUB5000:NEXTN
MA 540 GOSUB1040:NEXTFA:SWITCH
:NEXTAN
AH 550 IFDV$="D"THEN:DPUT"CUBE
"
DA 560 IFDV$="T"THEN:LOWRES:CP
UT"CUBE"
XB 570 PLAY:PLAY:LOWRES:END
ES 1000 FORN=1TONU:GOSUB2000:G
OSUB3000:NEXT
CP 1010 ON NU-1 GOSUB 1020,103
0,1040:RETURN
MF 1020 FILL 2,C,A(1),B(1),A(2
),B(2):RETURN
XQ 1030 FILL 3,C,A(1),B(1),A(2
),B(2),A(3),B(3):RETUR
N
CM 1040 FILL 4,C,A(1),B(1),A(2
),B(2),A(3),B(3),A(4),
B(4):RETURN
SM 2000 Q=A(N)*COS(TH)+B(N)*SI
N(TH)
AF 2010 B(N)=-A(N)*SIN(TH)+B(N
)*COS(TH)
AE 2020 A(N)=Q:RETURN
BP 3000 A(N)=80+SC*A(N):B(N)=1
00-1.4*SC*B(N):RETURN
QD 4000 Q=A(N)*COS(TH)+C(N)*SI
N(TH)
KB 4010 C(N)=-A(N)*SIN(TH)+C(N
)*COS(TH)
SH 4020 A(N)=Q:RETURN
KS 5000 K=GA+C(N):A(N)=80+SC*A
(N)/K:B(N)=100-1.4*SC*
B(N)/K:RETURN
JC 6000 Q=B(N)*CS(30)+C(N)*SN(
30)
KH 6010 C(N)=-B(N)*SN(30)+C(N)
*CS(30)
KF 6020 B(N)=Q:RETURN
XQ 7000 Q=A(N)*CS(AN)+C(N)*SN(
AN)
SD 7010 C(N)=-A(N)*SN(AN)+C(N)
*CS(AN)
MP 7020 A(N)=Q:RETURN
JF 8000 DATA 1,-1,+1,-1,+1,+1,
-1,+1,-1,-1,-1,-1,-1
HG 8010 DATA 2,+1,+1,-1,+1,+1,
+1,+1,-1,+1,+1,-1,-1
DH 8020 DATA 1,+1,+1,+1,-1,+1,
+1,-1,-1,+1,+1,-1,-1
AE 8030 DATA 2,-1,+1,+1,-1,+1,
-1,-1,-1,-1,-1,-1,+1
PD 8040 DATA 3,-1,+1,+1,+1,+1,
+1,+1,+1,-1,-1,+1,-1
BB 8050 DATA 3,+1,-1,-1,+1,-1,
+1,-1,-1,+1,-1,-1,-1

```

Program 3: Animation Player

```

KK 130 POKE51,255:POKE52,63:PO
KE55,255:POKE56,63
CC 140 IFA=0THENA=1:LOAD"FIIL-
64",8,1
JX 150 SYS 33846:CLEAR
SC 160 DGET"SQUARES":PLAY
MX 170 DGET"STARS":PLAY
BG 180 DGET"MORE STARS":PLAY
FE 190 DGET"RAVS":PLAY
AJ 200 DGET"WIRES":PLAY
JJ 210 DGET"CUBE":PLAY:PLAY:PL
AY
HX 220 SETCOLOR 14,6,0,7,14
BG 230 LOWRES:END

```

BEFORE TYPING . . .

Before typing in programs, please refer to "How To Type In COMPUTE!'s GAZETTE Programs," which appears before the Program Listings.

Power BASIC: 128 Instant Keywords

(Article on page 82.)

```

AE 100 PRINT"[CLR]":S=DEC("130
0"):BANK15:FORD=STOS+17
6:READ A$:POKE D,DEC(A$
):NEXT
HB 110 M=S+22:V=M/256:V=M-256
*V$:POKE S+12,V$:POKE S
+14,V$:M=D-52:V=M/256:V
=M-256*V$
JG 120 POKE S+65,V$:POKE S+64,
V$:SYS(S):PRINT
[2 DOWN]{RVS}{WHT}INSTA
NT KEYWORDS ACTIVATED
RK 130 PRINT"[DOWN]{RVS}TO DE/
ACTIVATE SYS"S:NEW
JG 140 DATA A9,C8,CD,37,03,F0,
04,A2,05,D0,04,A9,13,A2
,16,8D,37,03,8E,36
KE 150 DATA 03,60,EA,48,A6,F4,
F0,04,68,4C,05,C8,A4,D4
,AD,3E,03,85,24,AD
AR 160 DATA 3F,03,85,25,B1,24,
EA,38,E9,41
QA 170 DATA C9,1A,B0,E6,A2,02,
E4,D3,D0,02,69,19,A8,B9
,7D,13,C9,27,B0,09
EE 180 DATA 69,7E,AA,A0,09,A9,
46,D0,05,AA,A0,17,A9,44
,84,24,85,25,A0,00
MK 190 DATA CA,10,0F,B1,24,48,
E6,24,D0,02,E6,25,68,10
,F4,30,EF,C8,B1,24
BH 200 DATA 30,05,20,0C,56,D0,
F6,29,7F,20,0C,56,68,60
,EA,0B,18,C7,0D,D5
KA 210 DATA 81,89,D2,85,CF,E5,
EC,CA,82,A3,99,E3,8E,07
,A7,FB,87,FD,97,DE
QD 220 DATA C8,C4,19,E7,0F,0A,
03,8D,D1,D4,04,E0,E6,06
,17,A6,DF,E4,8C,DA
KQ 230 DATA 05,FC,83,1A,C2,E2,
C9

```

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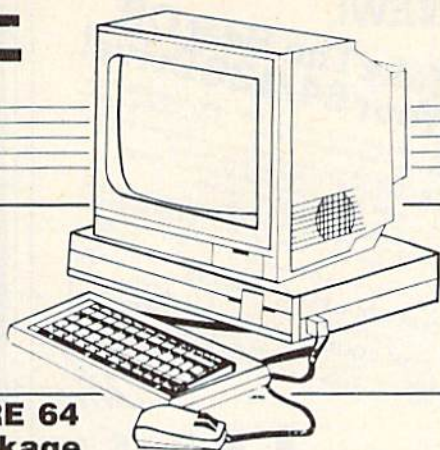
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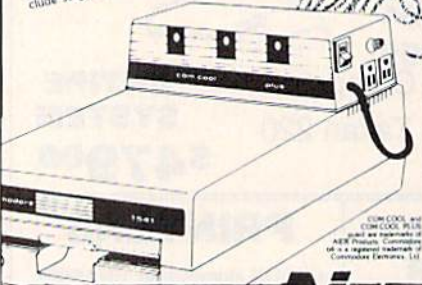
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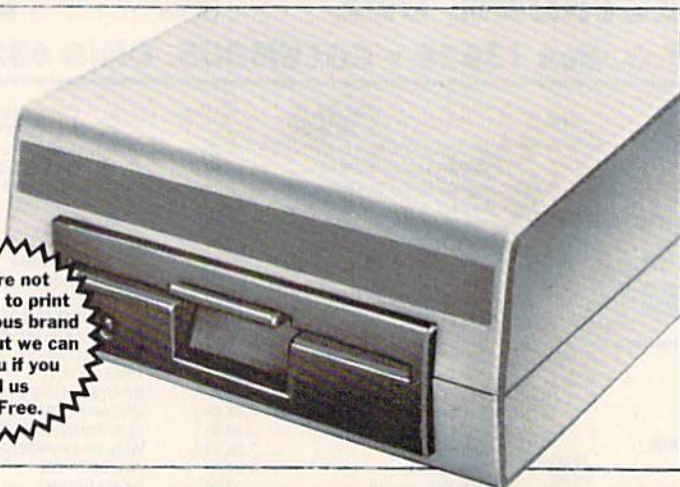
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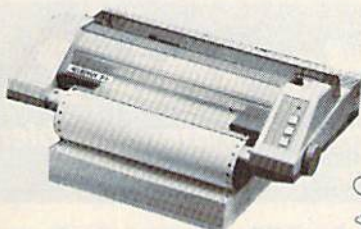
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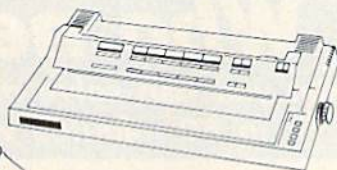
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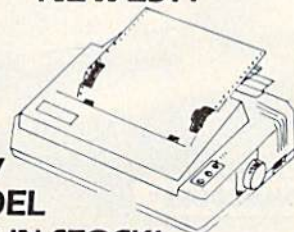
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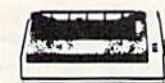
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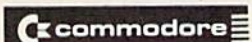
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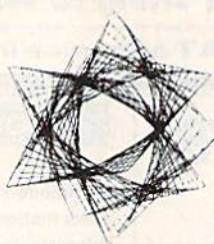
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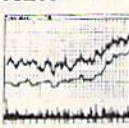
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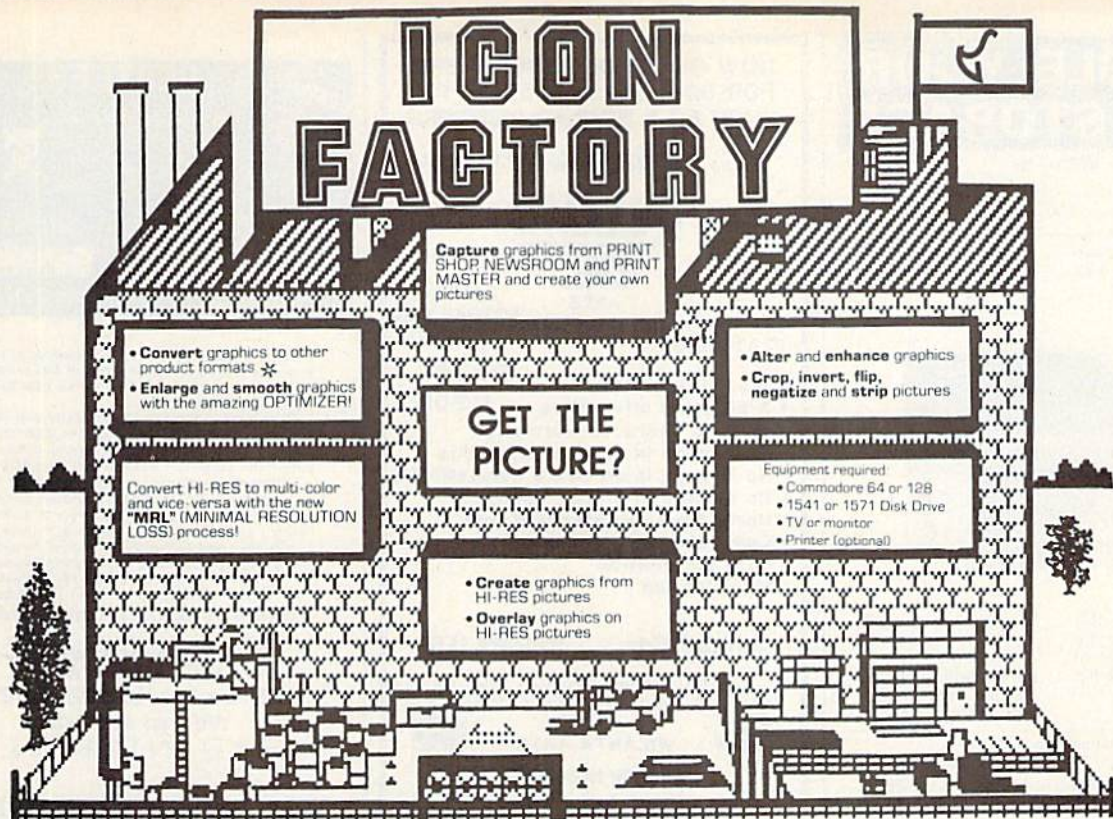


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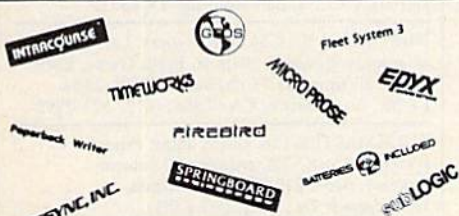
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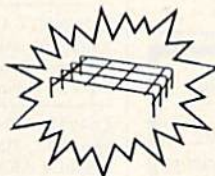
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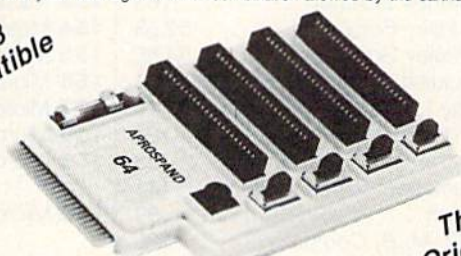
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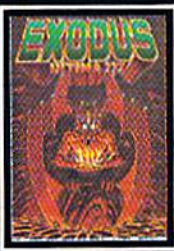


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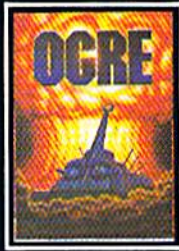
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