

THE SOURCE

ISSUE 3

I Shot Andy Warhol, 2002

Cory Arcangel



2013

Arcangel Surfware

www.coryarcangel.com

46 I Shot Andy Warhol¹

Cory Arcangel, 2002²

<http://www.coryarcangel.com>

51

Requirements: Nintendo Entertainment System, Zapper, Hogan's Alley cartridge, CRT television, 2 27C256 EEPROMs³.

⁴A mod of the Nintendo Entertainment System game Hogan's Alley where the characters were changed to Andy Warhol, the Pope, Flavor Flav⁴, and Col. Sanders⁵.

⁵⁶ "I love to sleep. I'd sleep all day if I could." — Miley Cyrus⁶ ⁷

00000000 d8 78 ad 02 20 10 fb a2 00 8e 00 20 8e 01 20 ca | .x. |⁸
00000010 9a ae ec 05 a0 06 84 01 a0 00 84 00 a9 00 91 00 | [.....] |
00000020 88 d0 fb c6 01 10 f7 8a do 02 a2 5f 8e ec 05 a9 | [.....] |
00000030 b6 85 29 20 21 c2 20 31 c2 a0 00 8d 05 20 8d 05 | (...) !. 1. |
00000040 20 a0 01 84 24 a9 0f 8d 15 40 20 f7 ff a9 90 8d | [..\$.@. |
00000050 00 20 85 08 a9 02 85 09 a2 0b bd 6a e3 9d 05 | [.....] |
00000060 ca 10 f7 30 19 a5 24 f0 04 a5 26 f0 03 20 f4 ff | [..0.\$&.. . . . |
00000070 20 37 c3 20 b8 c0 e6 2f a9 00 85 20 85 22 a5 20 | [7. / |
00000080 d0 e3 20 bd c6 4c 7e c0 08 48 8a 48 98 48 a9 00 | [..L~.H.H.H.. . . . |
00000090 8d 03 20 a9 02 8d 14 40 a5 22 d0 0f 20 bd c2 20 | [.....@.".... . . . |
000000a0 4e c2 20 a8 c3 20 82 c2 20 d0 c3 a0 01 84 22 84 | [N. |
000000b0 20 68 68 aa 68 28 40 a5 24 f0 03 04 56 c1 a5 | [h.h.(@.\$..LV.. . . . |
000000c0 16 29 10 f0 55 ac fc 05 d0 55 c8 8c fc 05 a4 25 | [.)..U....U....% . . . |
000000d0 c0 07 f0 32 c0 03 f0 0c co 04 f0 08 ca 0f 0a 04 | [..2. |
000000e0 co 0f d0 3b a2 05 b5 2a 9d 30 04 ca 10 f8 20 4a | [.;...*..0.. |
000000f0 c1 20 b4 cd a9 25 85 45 20 4b ce a5 25 85 1c a9 | [.....%E K.% . . . |
00000100 07 85 25 4c 0e c1 a9 11 85 25 a9 30 85 1d 20 46 | [..%.L....%.0.. F|
00000110 c7 20 91 20 24 f4 ff c4 b2 d9 00 8d fc 05 a5 | [.....L. |
00000120 25 20 4d c3 6e c7 91 c7 ee c7 06 c8 00 cd 67 d2 | [%M.n....g. |
00000130 cc cd 64 c7 01 d3 48 d3 f5 d3 a9 64 64 c7 6e d8 | [..d..H....d.n. . . |
00000140 94 d8 ad 48 45 dc 64 c2 5c dc a2 e8 bd ff 01 9d | [..E.d.\. |
00000150 17 02 ca d0 f7 60 a0 00 8c ff 05 c8 84 99 a5 26 | [.....'....& . . . |
00000160 f0 46 20 3e cf 20 6c cf ad ff 05 c9 01 f0 0e c9 | [F.>.1. |
00000170 02 f0 26 a5 16 29 30 c9 10 00 1a f0 05 a6 26 ca | [.....&0....& . . . |
00000180 d0 1c a9 00 85 24 85 25 20 91 d2 20 58 c7 a9 02 | [.....\$.% .. X. . . |
00000190 85 24 85 2d 60 c9 20 d0 26 a6 26 ca f0 0c 20 91 | [*.-'.&.&.. . . . |
000001a0 d2 20 f4 ff a9 00 85 26 f0 6a ad fd 05 01 le ac | [.....&j. |
000001b0 fe 05 c8 c0 03 d0 02 a0 00 8c fe 05 4c c8 c1 c9 | [.....L. |
000001c0 00 d0 05 8d fd 05 0f 09 a1 08 fd 05 a5 2d c9 | [.....-....-. |
000001d0 25 b0 04 a9 25 85 2d a6 26 ca d0 38 a2 07 bd 4f | [%..%.&..8..0. . . |
000001e0 e6 9d 00 02 ca 10 f7 ae fe 05 a9 6f 18 69 10 ca | [.....o.i. |
000001f0 10 fa 8d 00 02 ad fe 05 o a 08 69 03 aa 03 | [.....i. |
00000200 bd f0 05 99 b4 co 08 10 f6 20 b6 cc a2 ef a0 | [..... |
00000210 22 20 24 d1 a5 26 20 4d c3 d5 c6 34 c7 84 d1 e1 | ["\$..& M..4.. . . . |
00000220 d1 a9 02 20 28 c2 a9 01 85 01 a9 ff 85 00 4c 05 | [(.L. |
00000230 c3 20 37 c2 4c f8 c3 a0 02 84 01 a0 00 84 09 a9 | [7.L. |
00000240 f4 91 00 88 d0 fb 60 86 00 84 01 4c 9f c3 a4 23 | [.....'....L..# . . . |
00000250 d0 01 60 88 98 0a 08 be 57 e6 9b 58 e6 a8 00 | [.....W..X. |
00000260 85 23 f0 e3 c6 1d 00 de a2 05 bd 30 04 95 2a ca | [.#....0.*. . . . |
00000270 10 f8 a5 1c 85 25 60 48 a9 00 85 20 a9 01 85 22 | [.....%H.. |
00000280 68 60 a2 01 8e 16 40 ca 8e 16 40 20 8f c2 e8 a0 | [h`....@. @. . . . |
00000290 08 48 bd 16 40 85 00 4a 05 00 4a 68 2a 88 0f f1 | [H..@.J..Jh*.. . . . |
000002a0 dd 36 04 d0 0f fe 38 04 bc 38 04 c0 05 90 0d 95 | [6....8..8.... . . . |
000002b0 16 4c b7 c2 9d 36 04 a9 00 9d 38 04 60 a5 21 f0 | [L....6....8..! . . . |
000002c0 43 a9 61 85 00 a9 05 85 01 ae 02 20 a0 00 f0 28 | [C.a....(). |
000002d0 8d 06 20 c8 b1 00 8d 06 20 c8 b1 00 0a 48 05 | [.....H. |
000002e0 09 04 b0 02 29 fb 8d 00 20 85 08 68 4a aa c8 b1 | [.....hj.. |
000002f0 00 8d 07 20 ca d0 f7 c8 b1 00 d0 4d 80 05 8d | [.....'.... |
00000300 61 05 85 21 60 20 77 c2 ae 02 20 a5 08 29 fb 8d | [a.!.'w....().. . . . |
00000310 00 20 85 08 a9 1c 18 69 04 c6 01 d0 fa 85 02 8d | [.....i. |
00000320 06 20 a9 00 8d 06 20 a2 04 a0 00 a5 00 8d 07 20 | [..... |
00000330 88 d0 fa ca d0 f7 60 a2 01 c6 2a 10 06 a9 08 | [.....'....* |
00000340 2a a2 03 b5 2b f0 02 d2 2b ca 10 f7 60 a8 c8 | [*...+.+...+. |
00000350 68 85 14 68 85 15 b1 14 aa c8 b1 14 85 15 86 14 | [h.h. |
00000360 6c 14 00 8d 06 20 c8 b1 00 8d 06 20 c8 b1 00 | [l.... |
00000370 48 a5 08 09 04 b0 02 29 fb 8d 00 20 85 08 68 | [h.....). |
00000380 90 03 09 02 c8 4a 4a aa b0 01 c8 b1 00 8d 07 20 | [.....JJ. |
00000390 ca d0 f5 38 98 65 00 85 00 a9 00 65 01 85 01 ae | [8.e....e. |
000003a0 02 20 a0 b1 00 00 bb 48 a5 0d 8d 05 20 19 | [.....H. |
000003b0 a5 3f c9 01 d0 13 a5 27 f0 0f c9 01 d0 0b e6 27 | [?....'....'.... . . . |
000003c0 a5 08 49 01 85 08 0d 00 20 a5 0b 8d 05 20 68 60 | [..I....h'.... . . . |
000003d0 a5 27 f0 03 02 20 29 40 d0 f9 a5 28 f0 07 c9 | ['.#..)@.(). |
000003e0 02 f0 03 20 fa d7 ad 02 20 29 40 f0 f9 a5 1e 8d | [.....@. |
000003f0 05 20 a5 1f 8d 05 20 60 a5 24 d0 1f a6 3f ca d0 | [.....'\$.?.... . . . |
00000400 1a a5 25 c9 06 01 f4 a5 29 8d 00 02 a9 0b 8d 03 | [%..%. |
00000410 02 a9 ec 8d 01 02 a9 22 8d 02 02 60 a0 01 84 21 | [....."....'....! . . . |
00000420 88 b1 02 29 ff 85 05 b1 02 4a 4a 4a 85 04 ae | [.....JJJJ. |
00000430 60 05 a1 9d 61 05 20 73 c4 a5 00 9d 61 05 20 | [.....a.s.... |
00000440 73 c4 a5 05 85 06 9d 61 05 20 73 c4 c8 b1 02 9d | [s....a.s.... . . . |
00000450 61 05 c6 06 d0 f3 20 73 c4 8e 60 05 18 a9 20 65 | [a....s...'..e . . . |
00000460 00 85 00 a9 05 65 01 85 01 c6 04 d0 c5 a9 00 9d | [.....e.... |
00000470 61 05 60 e8 8a c9 4f 90 0a ae 60 05 a9 00 9d 61 | [a.'....0....a . . . |
00000480 05 68 68 60 a0 01 84 21 ae 60 05 88 0f 4d 85 04 | [hh....'....M. |
00000490 a5 01 9d 61 05 20 73 c4 a5 00 9d 61 05 20 73 c4 | [.....a.s....a.s . . . |
000004a0 a5 04 29 bf 9d 61 05 29 7f 85 05 20 73 c4 24 04 | [)..a.)...s.\$. . . . |
000004b0 50 01 c8 24 04 70 01 c8 b1 02 9d 61 05 20 73 c4 | [P..\$.p....a.s . . . |
000004c0 a9 01 24 04 10 02 a9 20 18 65 00 85 00 a9 00 65 | [\$.\$.e....e.... . . . |
000004d0 01 85 01 c6 05 d0 dc 8e 60 05 c8 b1 02 d0 af 20 | [.....'.... |
000004e0 7c c4 a0 01 84 21 ae 60 05 88 4c 9a c5 85 11 20 | [||!....'....L. |
000004f0 ae c5 a5 05 9d 61 05 20 73 c4 a5 04 9d 61 05 20 | [.....a.s....a . . . |
00000500 73 c4 a5 11 29 3f 85 10 24 11 30 0e a5 04 29 1f | [s....)?..\$.0.... . . . |
00000510 85 13 a9 20 38 e5 13 4c 30 c5 a5 05 29 03 85 13 | [8..LO.... |
00000520 a5 04 06 24 13 0a 26 13 0a 26 13 a9 1e 38 e5 13 | [.....&....&....8. . . . |
00000530 85 13 c5 10 90 a0 a5 10 48 a9 00 85 10 68 00 11 | [.....H....h. |
00000540 a5 10 38 e5 13 85 10 a5 11 29 c0 05 10 85 10 a5 | [8....).... |
00000550 13 85 12 a5 11 29 80 05 12 9d 61 05 20 73 c4 24 | [.....a.s.\$ |
00000560 11 50 01 c8 24 11 70 01 8c b1 02 9d 61 05 20 73 | [P..\$.p....a.s . . . |
00000570 c4 a5 01 24 11 10 02 a5 01 18 69 08 24 11 30 04 | [\$.\$.e....e.... . . . |
00000580 85 01 10 02 85 00 c6 12 d0 da 8e 60 05 a5 10 f0 | [.....'.... |
00000590 08 24 11 50 01 88 4c ed c4 c8 b1 02 85 00 c8 b1 | [\$.P..L.... |
000005a0 02 85 01 c8 b1 02 f0 03 4c ed c4 20 7c c4 8a 48 | [.....L. |. H |
000005b0 98 48 a5 08 4a 66 04 a6 66 05 a0 18 65 01 66 | [H..Jf.Jf..e.f |
000005c0 06 4a 4a 4a 85 04 06 06 6a 6a 45 06 85 07 a0 20 | [JJJ....jjE.... . . . |
000005d0 24 07 50 02 a0 24 84 05 a5 0b 18 65 00 b0 02 c9 | [P..\$.p....a.s . . . |
000005e0 f0 08 66 06 28 90 03 18 69 10 4a 4a aa 06 06 | [ff.(..i.JJJ.... . . . |
000005f0 6a 45 06 10 07 a5 05 18 69 08 85 05 8a f0 10 a5 | [jE....i.... . . . |
00000600 04 18 69 20 85 04 a5 09 65 00 85 05 a0 d0 68 | [i....i....i....h . . . |
00000610 a8 68 aa 60 ae 60 05 a0 01 84 21 d0 45 9d 01 65 | [h.'....!..E.a . . . |
00000620 20 73 c4 c8 b1 02 9d 61 05 20 73 c4 c8 b1 02 85 | [s....a.s.... . . . |
00000630 04 29 bf 9d 61 05 29 7f 85 05 20 73 c4 24 04 50 | [)..a.)...s.P |
00000640 01 c8 24 04 70 01 c8 b1 02 9d 61 05 20 73 c4 c6 | [\$.s.p....a.s . . . |
00000650 05 d0 ef 8e 60 05 38 98 65 02 85 02 a9 00 65 03 | [.....'8.e....e . . . |
00000660 85 03 a0 01 c8 b1 02 f0 03 4c ed c4 20 7c c4 8a 48 | [.....L. |. H |
00000670 c9 09 00 20 62 99 05 18 65 02 85 02 a5 03 29 f0 | [s....i....e....e . . . |

000000680 02 90 04 69 5f 38 60 c9 a0 b0 f8 60 20 ae c6 e5 | [..i..8'....'.... . . . |
000000690 01 85 01 b0 0a 69 0a 85 01 a5 02 69 f0 05 02 a5 | [.....i....i.... . . . |
0000006a0 03 29 f0 38 e5 02 b0 03 69 a0 18 05 01 60 48 29 | [.)..8..i....'H) . . . |
0000006b0 08 85 01 68 29 f0 85 02 a5 03 29 f0 60 ad ec 05 | [.....h)...')....' . . . |
0000006c0 65 2f a8 a2 03 b9 52 de 7d ec 05 9d ec 05 ca 10 | [e/.R.}....' . . . |
0000006d0 f7 ad ec 05 60 20 58 c7 a9 01 85 23 20 26 c2 a9 | [.....'X....# & . . . |
0000006e0 02 85 01 a9 fc 85 00 20 05 c3 20 46 c7 a2 8e a0 | [.....F.... |
0000006f0 e8 20 47 c2 20 31 c2 20 46 c7 a2 e8 a0 e4 20 47 | [G..1..F....G . . . |
000000700 c2 a5 08 29 fc 85 08 8d 00 20 a0 01 8c fd 05 88 | [.....'....P.... . . . |
000000710 84 27 84 0a 84 1e 84 0b 84 1f e6 26 a4 30 d0 08 | ['.....&0.. |
000000720 a0 02 84 30 a9 27 d0 04 63 c0 30 25 85 2d 20 46 | [0....0....0.%.- F |
000000730 c7 4c 65 c7 a4 2d f0 b0 c0 27 d0 09 20 d2 d6 | [Le..-....' |
000000740 2d d0 02 e6 26 60 20 60 d2 a5 20 f0 fc 4c f4 ff | [.....L. |
000000750 20 60 d2 a5 20 f0 fc 60 20 50 c7 a5 09 29 e7 85 | ['.....P.... |
000000760 09 8d 01 20 60 20 50 c7 a5 09 09 18 01 20 83 | [.....P.... |
000000770 d2 a0 93 b9 5c ea 99 3f 04 88 d0 f7 a9 01 ac fe | [.....\?.... |
000000780 05 84 3f f0 07 a9 08 88 02 00 a9 08 85 25 4c 31 | [31?....L1.... . . . |
000000790 c2 20 21 c2 20 59 d8 a2 ff a0 e8 20 47 c2 a9 02 | [!.Y....G. |
0000007a0 85 23 20 46 c7 a2 02 a9 18 20 70 d2 20 a.#.F....P. . . . |
0000007b0 c8 d2 20 46 c7 a2 03 b5 b4 48 47 77 c2 a2 03 b5 b4 48 | [F..e.LW..H . . . |
0000007c0 ca 10 fa e8 a5 3f 0a 0a a8 b9 05 09 95 b4 e8 c8 | [.....?.... |
0000007d0 e0 04 d0 f5 20 b6 cc a6 3f ca f0 07 a2 36 a0 23 | [.....?....6.# . . . |
0000007e0 20 24 d1 a2 00 68 95 b4 e8 a0 04 d0 f8 60 20 87 | [S..h....' |
0000007f0 d2 20 79 d2 20 fc cb a9 02 85 23 a9 00 85 97 a9 | [y....# |
000000800 03 85 25 4c 11 cc 20 3e cf 20 6c cf 20 16 c8 20 | [..%.L....>.1. . . |
000000810 cf 0d ea ea ea 60 a0 00 84 94 80 0d 00 03 f0 | [..... |
000000820 09 20 dc 20 97 c8 20 ec cb 86 80 ad 20 03 f0 | [..... |
000000830 ob a0 20 20 dc cb 20 97 c8 20 ec cb 80 ad 40 | [..... |
000000840 03 0f 0b a0 40 20 dc cb 20 97 c8 20 ec cb 20 b9 | [.....@.... . . . |
000000850 cb 20 83 c8 20 b5 d3 ac 01 03 04 24 ac 21 03 d0 | [.....\$.... . . . |
000000860 1f ac 41 03 d0 1a a4 2b d0 0d 8c 11 03 8c 31 03 | [A..+....1. . . |
000000870 8c 51 03 a0 02 84 2b 88 06 a9 02 85 23 e6 25 | [Q..O....+....#.%. . |
000000880 04 3b c2 02 bd e4 63 a8 b9 1d 03 95 ba 91 c1 | [L;....d.... . . . |
000000890 03 95 9d ca 10 ef 60 a5 41 20 4d c3 b8 c8 c2 | [.....A.M.... . . . |
0000008a0 16 c9 3c 9c 4e c9 e2 c9 f7 c9 4c 8a 88 ca d4 ca | [.....<N..L.... . . . |
0000008b0 10 cb 34 cb 50 cb 81 c8 a5 51 f0 03 20 97 cb 4c | [.....4.P....Q....L . |
0000008c0 4b ce 20 f8 c8 a4 80 d0 03 20 03 c9 a6 80 bd 5e | [K. |
0000008d0 e3 85 47 84 5a 8d 02 a2 02 84 2b 88 06 a9 02 85 47 | [.....GLK....E . |
0000008e0 86 a0 02 00 84 20 84 86 04 20 8c 86 7c 02 ac | [.....0.... |
0000008f0 86 41 20 d7 d2 4c 4b ce a2 1f bd 59 e1 95 40 ca | [A..Lk....Y..@ . |
000000900 10 fb 60 a2 04 a8 b9 3b e3 c9 aa 00 04 00 03 f0 | [.....?.... . . . |
000000910 c8 84 a8 85 7d 60 a6 47 e4 47 c4 a0 20 db | [.....}....G.G.J.... . |
000000920 d2 a9 1e a2 03 20 8e cb c0 e8 0d 00 da 48 00 | [..... |
000000930 04 a9 03 85 7c a9 18 85 47 4c 4b ce a9 09 85 45 | [.....].GLK....E . |
000000940 a9 01 85 99 a2 04 09 04 04 20 8c 86 40 04 04 | [.....L.... |
000000950 d0 22 20 bd c6 a6 a7 dd 33 e3 26 70 20 bd c6 29 | [".....3.&p....) . |
000000960 3f c9 36 90 0d 29 03 60 a8 ad ed 05 29 1f 69 a0 85 98 | [2.6....i.... . |
000000970 e5 19 85 71 a4 71 b9 f0 e5 85 0d 00 04 02 04 | [.....q....*.... . . . |
000000980 06 0d 2a 49 03 a5 97 04 02 04 29 01 85 99 05 | [.....*I....p....I....[. |
000000990 a8 00 02 00 f0 09 06 06 06 0d 08 02 00 f0 07 06 | [..... |
0000009a0 02 26 5b 06 0d 25 5b 5b 10 20 20 9d 02 a0 00 | [.....&[.I.Z.... . . . |
0000009b0 5b 38 66 5b 05 82 01 16 66 82 e6 5a 05 5a 38 e9 | [8f[....Z.ZB.... . |
0000009c0 05 aa a0 01 c8 a0 04 06 04 04 20 8c 86 40 04 04 | [.....0.... |
0000009d0 c6 5a 09 25 87 c6 1e 61 20 4b ce 55 45 4c 5a | [.....Z....A.K.Z.E.L . |
0000009e0 ea d2 a7 73 88 0d 02 20 b1 ca 86 45 a9 00 85 99 | [.....s....E.... . |
0000009f0 a2 09 86 41 4c 4b ce a5 10 20 20 9d 02 a0 00 | [.....ALK....[.... . |
000000a00 84 99 c8 84 7c a9 0b 85 23 20 b1 ca 86 45 e6 51 | [.....].#....E.Q.... . |
000000a10 20 40 ce a9 10 85 66 a2 08 10 20 30 da 00 0d | [.....0.... |
000000a20 20 87 cc 20 99 d2 20 a9 d2 02 07 86 41 4c b8 c8 | [.....AL.... . . . |
000000a30 a2 02 bd 64 e3 a8 09 07 d9 01 03 f0 06 ca 10 f2 | [.....d.... |
000000a40 a9 00 60 a9 03 d5 9a 02 05 bd 60 20 6b ca a9 09 | [.....k.... |
000000a50 01 85 72 a5 73 f0 11 c6 5e 00 0d 09 0b 85 45 a0 | [.....r.s....^....E . |
000000a60 00 84 41 84 72 c8 84 74 4c 4b ce a5 5c d0 16 a6 | [.....A.r.tLK....\ . |
000000a70 5b dd f8 e0 c9 aa 00 04 20 8c 86 5d a2 00 a9 | [.....'.... |
000000a80 5d a9 02 85 95 c6 5c 60 20 4a ca 65 fd 00 20 | [.....].\.\'.... . . . |
000000a90 b1 ca 86 45 e6 73 a9 09 85 41 a9 01 85 86 20 c6 | [.....E.S....A.... . |
000000aa0 ca 4c b8 c8 20 bc ca a6 5a b0 03 20 b1 ca 86 45 | [.....L....Z....E.E . |
000000ab0 60 a2 0f 4a 5b 30 19 a4 72 d0 17 a9 b0 85 23 e6 72 | [0.[.r....^....#.r . |
000000b20 a4 5a 84 45 a9 01 85 5d 85 51 20 04 ce a2 0b 86 | [.....Z.E....Q.... . |
000000b30 41 4c b8 c8 50 0d 12 20 e7 ca 00 09 0d 00 04 20 | [.....AL..P.... . . . |
000000b40 5d a9 02 85 95 c6 5c 60 20 4a ca 65 fd 00 20 | [.....].\.\'.... . . . |
000000b50 68 95 44 e8 e0 04 00 f8 60 a5 83 d0 1c a9 08 a6 | [.....G....G.Y.... . |
000000b60 99 00 1b 01 85 83 a8

00000d00 a9 00 85 41 a2 06 a4 b3 c0 10 b0 1e a9 0c a4 3f |...A.....?| 00001380 ec cb e6 80 ad 20 03 f0 0b a0 20 20 dc cb 20 d1 |.....|
00000d00 f0 0d a4 b1 c0 04 d0 03 20 30 cd a2 0b 0b a4 |..... 0.....| 00001390 d3 20 ec cb 20 b9 cb 20 b5 d3 ad 00 03 d0 13 ad |.....|
00000d20 b0 c0 0f d0 03 20 60 cd a2 02 20 70 d2 4c 3b ce |..... '... p.L.;.| 000013a0 20 03 d0 0e a5 73 d0 04 a5 aa 85 23 c6 99 a9 04 |.....s....#...|
00000d30 20 b4 cd 20 bc d2 a0 1c a6 ab 00 e0 20 f9 d2 20 |.....| 000013b0 85 25 4c 3b ce a5 74 f0 17 a9 00 85 74 a2 02 bd |.....%t....t...|
00000d40 ee d2 c8 a6 b2 e0 04 90 01 c8 84 45 20 4b ce a9 |.....E K.| 000013c0 64 e3 a8 a9 07 d9 01 03 f0 06 ca 10 f2 20 e6 d2 |d.....|
00000d50 24 a4 ab d0 0a a5 a6 c9 04 f0 02 e6 a6 a9 18 60 |\$.....'| 000013d0 60 a5 41 20 4d c3 f2 d3 b0 d4 c7 d4 3c c9 f1 d4 |`A.M.....<...|
00000d60 20 b4 cd 20 ee d2 a0 1d a6 b1 e0 10 90 01 c8 84 |.....| 000013e0 fd d4 38 d5 e5 d5 6b d5 d4 ca 7b d5 a1 d5 c4 d5 |..8.^k.....{...|
00000d70 45 20 4b ce a9 18 60 20 b4 cd a9 1b 85 45 20 4b |E K.'| 000013f0 81 cb a6 89 d0 04 86 40 f0 0d ca 86 89 20 5f d4 |.....@..... . . .|
00000d80 ce 20 ab cd a5 b2 85 03 a9 01 18 20 6b c6 85 00 |..... k.....| 00001400 20 08 d4 a5 aa 85 23 60 20 bd c6 a0 03 c9 55 90 |.....#'.|
00000d90 4a 4a 4a 4a 18 69 d0 99 00 02 c8 c8 c8 a5 00 |JJJJ.I.....| 00001410 06 88 c9 aa 90 01 88 84 5a 84 5b 20 bd c6 c9 33 |.....Z.[. . .3|
00000da0 29 f0 18 69 d0 99 00 02 4c 3b ce a6 94 38 a9 |.)i.....L.;.8.| 00001420 b0 11 a5 5b 09 04 85 5a 09 80 85 5b 20 3d d4 c6 |[.Z..[= . . .|
00000db0 08 a8 c8 60 a9 04 a6 f3 ca f0 02 a9 00 85 94 a9 |.)i.....?.....?| 00001430 5a 03 20 3d 4d c6 5a a5 85 45 60 20 fd d5 |Z.. = .Z.Z.E' ..|
00000dc0 70 85 46 a9 80 85 47 a9 00 85 44 60 a5 41 20 4d |p.F...G..D'A M| 00001440 a5 5b dd 1b 03 d0 17 29 84 85 0c a5 5b 29 03 a8 |[.]|
00000dd0 c3 d5 cd f5 cd 20 b4 cd a9 1a 85 45 20 4b ce 20 |.....E K.| 00001450 88 d0 02 a0 03 98 05 0c 85 5b 29 07 85 5a 60 20 |.[) . Z'|
00000de0 ab cd a5 b3 85 00 20 90 cd a9 20 85 2d e6 41 20 |.....| 00001460 f8 c8 a5 b1 0a aa bd 10 e2 85 10 e8 bd 10 e2 85 |.|
00000df0 b8 d2 4c 3b ce a4 2d d0 0a 84 30 84 26 c8 84 24 |.)L;.....0.&..\$| 00001470 11 20 bd c6 29 07 85 0c 0a a8 b1 10 85 14 c8 b1 |.|
00000eo0 20 83 d2 60 a6 3f d0 03 20 46 c7 a5 b3 85 03 a9 |.)i.....?.....| 00001480 10 85 15 20 fd d5 a0 03 b1 14 dd 09 03 d0 0a a4 |.|
00000eo1 01 18 20 6b c6 85 b3 a2 c3 4a 4a 4a 4f 01 aa |.)k.....JJJJ.| 00001490 0c 88 10 02 a0 07 98 10 dd a0 07 b1 14 99 46 00 |.F.|
00000e20 8e 01 05 a5 b3 29 0f 8d 02 05 a9 12 8d 00 05 a6 |.| 000014a0 88 10 f8 a5 a6 a8 0a 0a 85 4e b9 2e e3 85 4f 60 |.N..O'|
00000e30 3f ca f0 cf a2 51 a0 23 24 d1 a6 94 a9 4f 9d |?.....Q.#LS.....| 000014b0 20 bd c6 29 7f a2 05 a4 d4 06 d0 a0 0b 84 45 a2 |.M.....E.|
00000e40 00 02 e8 e8 e8 d0 f7 f4 c8 a5 45 a0 a8 a9 |.| 000014c0 02 20 8e c8 4c 4b ce 20 20 25 20 d7 d2 a5 47 c5 |.L.K.....G.|
00000e50 91 85 12 a9 dc 85 13 b1 12 85 10 c8 b1 12 85 11 |.| 000014d0 4a 20 e7 d4 f0 0e a5 4a 85 47 a9 1e a2 03 20 8e |J.....J.G.....|
00000e60 a0 00 84 18 a4 18 b1 10 c9 00 fd 85 13 c8 b1 |.| 000014e0 cb 20 db d2 4c 4b ce a5 45 80 00 a9 00 2a 45 00 |.L.K.....*E.|
00000e70 10 c8 85 12 b1 10 c8 18 65 46 85 91 b1 10 c8 18 |.| 000014f0 60 a5 5a 85 45 6e 41 20 4b ce 4c ea d2 a5 d0 |.Z.E.A.K.L..M.|
00000e80 65 47 85 92 84 18 a0 00 b1 12 a2 00 a8 f0 1c a2 |.| 00001500 ob c6 4f d0 56 a5 4a a5 47 4c f0 c9 20 20 d5 20 |.O.V.J.GL.. .|
00000e90 34 88 f0 17 a2 52 88 f0 12 a2 62 88 f0 0d a2 6a |4.....R..B....j| 00001510 d7 d2 a5 47 c5 4a 20 e7 d4 f0 40 20 db d2 d0 e5 |.G.J.....@ . .|
00000ea0 88 f0 08 a2 7e 88 f0 03 4c 06 cf a0 00 86 19 c8 |.| 00001520 a5 2f 29 03 18 65 4e aa bd 1a e3 a6 4c f0 03 20 |./.EN.....L.|
00000eb0 b1 12 c9 ff f0 ae c9 fe d0 07 e6 19 e6 19 4c af |.| 00001530 38 cf 18 65 47 85 47 60 a5 5b 10 of 20 61 d6 20 |8..eG.G'.[. .a.|
00000ec0 ce 99 fd f0 0e c8 b1 12 a6 44 f0 02 09 20 85 93 |.| 00001540 db 20 d9 9d 2c 99 a2 08 00 20 06 d6 20 db |.|
00000ed0 4c af ce a6 19 bd ba dd e6 19 18 65 91 20 fe ce |.| 00001550 d2 20 99 d2 20 a9 d2 a2 07 86 41 4c 4b ce 20 6b |.ALK.k|
00000ee0 de 00 02 b1 12 c8 20 fe ce a5 93 20 fe ce a6 19 |.| 00001560 ca c6 5e d0 f6 a9 01 85 74 00 74 20 20 a4 ca 20 c6 |.^.....tt ..|
00000ef0 bd ba dd e6 19 18 65 92 20 fe ce 4b 0c a6 94 |.| 00001570 ca c6 5f d0 e6 a9 01 85 50 00 a5 5b 30 60 20 |.P.[0' . . .|
00000f00 9d 00 02 e6 94 60 a5 11 48 a5 10 84 a5 91 85 00 |.| 00001580 db 20 61 d6 a9 01 85 5d 5a 85 45 c6 99 a9 |.a.....I.Z.E.|
00000f10 a5 92 85 01 20 ae c5 a5 04 85 00 a5 05 85 01 a5 |.| 00001590 0c 85 41 d0 c6 a2 00 a5 47 c5 4b 90 01 e8 86 4c |.A.....G.K.....L|
00000f20 12 18 69 01 85 02 a5 13 69 00 85 30 20 1c 4c 68 |.| 000015a0 60 20 d7 d2 a9 08 00 85 45 20 20 d5 a5 47 c5 4b 20 |.E.....G.K|
00000f30 85 10 68 85 11 4c 64 ce 49 ff 18 69 01 60 ad 17 |.| 000015b0 e7 d4 f0 0d 20 bd c6 29 1f a2 00 20 8e cb 20 db |.|
00000f40 40 29 10 c5 95 f0 07 85 95 a9 00 85 96 60 e6 96 |@.....'| 000015c0 d2 4c 4b ce 20 c6 ca c6 50 00 2f 20 e7 ca d0 28 |.L.K.....P./ . .(|
00000f50 a4 96 c0 01 d0 f7 29 10 f0 04 84 98 d0 eb a4 98 |.| 000015d0 20 fd d5 a9 01 85 99 9d 00 03 a9 00 9d 01 03 20 |.|
00000f60 f0 e7 84 97 20 d2 88 84 98 f0 dd a5 99 00 03 |.| 000015e0 95 d5 a4 b3 01 90 90 0c 20 fd d5 e6 73 a9 00 85 |.|
00000f70 85 97 60 a4 97 f0 fb 88 84 97 a9 09 85 23 20 37 |.# 7| 000015f0 40 9d 00 03 a0 0b 84 41 e6 50 4c 4b ce a2 20 a4 |@.....A.PLK.. .|
00000f80 c2 20 58 c7 a5 24 f0 08 a9 03 85 90 c6 0a d0 30 |.| 00001600 80 f0 02 a2 00 60 20 87 cc a2 05 bd 01 05 9d 90 |.|
00000f90 a9 0a 85 23 a9 00 85 90 a0 20 20 ae cf e6 90 a0 |. #.....| 00001610 04 ca 10 f7 a2 8c 20 20 30 20 20 25 cc 20 bb |.0 . . .|
00000fa0 40 20 ae cf e6 90 a0 00 20 ae cf 4c 4f d0 b9 00 |@.....LO| 00001620 c7 a2 05 bd 01 05 9d a2 04 ca 10 f7 a2 8c a0 b0 |.|
00000fb0 03 f0 07 b9 01 03 c9 05 f0 01 60 68 68 20 87 d0 |.| 00001630 86 19 20 3e d6 20 44 d8 20 56 d6 4c 44 d8 a2 05 |.>. D.V.LD.. .|
00000fc0 20 60 d2 a5 20 d0 a0 da 17 40 29 08 d0 f5 4c 7d |.| 00001640 bd 01 05 9d 03 05 ca 10 f7 a6 19 8e 00 05 8c 01 |.|
00000fd0 d0 20 60 d2 a5 09 29 e7 85 09 a9 08 a4 90 c0 03 |.| 00001650 05 a9 06 8d 02 05 a9 00 85 02 a9 05 85 03 4c e2 |.|
00000fe0 f0 02 a9 10 05 09 85 09 a8 01 20 37 c2 a0 40 |.7..@| 00001660 c4 a9 0c 85 23 20 fd d5 bd 00 03 f0 07 e6 89 a9 |.# . . .|
00000ff0 a6 90 f0 0c e0 01 f0 0e e0 02 f0 14 d0 00 |.| 00001670 09 0d 00 03 20 04 ce a0 01 05 8d 04 02 05 |.|
00001000 e8 b9 00 03 f0 ee b9 01 c3 09 05 d0 e7 4c ee cf 50 |.| 00001680 8d c1 04 a2 d0 a0 88 86 19 84 18 20 9b d6 a6 19 |.|
00001010 20 60 d2 a5 20 d0 4a da 17 40 29 08 d0 f5 a5 90 |.| 00001690 a4 18 20 44 d8 20 9b d6 4c 44 d8 00 84 01 20 |.D..LD.. .|
00001020 c9 03 d0 15 a9 01 8d ff 05 a9 01 85 23 d6 0a 20 |.# . . .| 000016a0 a5 c5 a6 04 b3 01 90 90 0c 20 d1 28 a0 20 4d 27 |.L\$..(. . .)|
00001030 60 d2 a5 20 f0 fc 4c 65 c7 a2 06 a4 90 d0 05 8e |.| 000016b0 1c a6 b1 e0 04 d0 03 20 77 cd a9 01 85 27 20 cc |.w.....'|
00001040 21 03 f0 b8 00 85 05 8e 41 03 f0 03 8e 01 03 a0 |!.....A.....| 000016c0 d2 20 eb d6 20 2a d7 20 83 d7 20 b1 d7 a5 28 c9 |.*..... . . .|
00001050 08 a6 3f e0 02 f0 02 a4 aa 84 23 20 37 c2 4c 2f |?.....# 7.L/| 000016d0 02 f0 06 a9 01 85 28 d0 11 a9 00 85 27 85 28 20 |.(|
00001060 d0 a0 40 a6 90 f0 05 ca d0 13 a0 00 ee 96 b9 00 |. @.....| 000016e0 46 c7 a5 a8 85 23 a9 09 05 25 60 a6 ae bd f1 e9 |F.....#..%.|
00001070 f3 00 ee b9 01 03 c9 05 d0 e7 4c ee cf a5 90 |.| 000016f0 c9 01 00 d6 a0 06 ee 01 05 fd a0 f3 85 18 38 e5 0a 85 |.8..|
00001080 03 d0 cc a9 02 d0 9f b9 06 03 85 91 b9 07 03 85 |.| 00001700 19 a5 18 c5 0a d0 17 e6 ae a5 19 4a 4a 4a aa 4a |.JJJ.. . . .|
00001090 92 b9 08 03 a0 a8 b9 80 e3 85 10 b9 81 e3 85 11 |.| 00001710 ac c8 05 58 d0 02 a0 00 84 ac ca d0 f2 60 e6 0a |.X.....'|
000010a0 a0 00 a2 04 b1 10 c9 aa d0 01 60 c8 18 65 91 9d |.| 00001720 20 46 c7 4c 01 d7 a0 20 d0 07 a5 08 4a b0 f7 a0 |.F.L.....J..|
000010b0 00 02 de 00 02 e8 a9 ec 9d 00 02 ee 8a 00 9d 00 |.| 00001730 24 84 07 a5 ac 48 a5 0a 4a 4a 4a 85 ad 85 06 a5 |\$. . .H..JJJ.. . . .|
000010c0 02 e8 b1 10 18 65 92 c8 d0 02 ee 8a 4c 4d 04 a4 |.| 00001740 ac 0a aa bd f0 ea 85 02 e8 bd fo ea 85 03 a5 07 |.|
000010d0 7c f0 22 88 f0 1f 88 f0 19 88 f0 1a 09 00 85 7c |.| 00001750 85 01 a5 06 85 00 20 84 c4 e6 ac 8b 01 02 00 02 |.|
000010e0 a9 24 8d 00 05 a9 fc a0 08 99 01 05 88 10 fa 4c |.| 00001760 85 ac a4 06 c8 c0 20 0d ob a5 08 4a 90 02 a0 24 |.J...\$.. . . .|
000010f0 20 d1 20 ae 01 d0 60 a9 00 85 7c a0 28 5d 4a 4a |.| 00001770 84 07 a0 00 84 06 20 46 c7 a5 06 c5 ad 00 c0 68 |.F.....h|
00001100 4a 4a f0 08 aa 02 c2 ca f0 02 a0 30 29 24 fd 00 |.| 00001780 85 ac 60 a5 b0 c9 2a d0 04 a9 00 85 80 0a aa bd |.*..... . . .|
00001110 05 a2 01 20 33 d1 a5 7d 29 0f 0a 0a 88 20 33 d1 |.| 00001790 99 ed 85 02 e8 bd 99 ed 85 03 20 14 c6 e6 b0 a5 |.|
00001120 a2 8e a0 20 86 00 84 01 a2 00 05 86 02 84 03 |.| 000017a0 b0 c9 13 f0 05 c9 28 f0 01 60 20 46 c7 a5 b0 d0 |.(|
00001130 4c 1c b4 59 56 e9 0d 00 05 e8 b9 57 e8 9d 00 05 |.| 000017b0 dc a4 b1 c8 c0 05 0d 08 20 d0 e7 20 23 d7 a0 00 |.|
00001140 e8 b9 58 e8 9d 02 05 b9 59 e8 9d 03 05 60 a5 7e |.| 000017c0 84 b1 60 a6 ab d0 16 a2 02 86 ab a6 9d 76 e3 |.v.. . . .|
00001150 85 03 a4 f7 b9 5a e3 c8 c9 aa d0 04 a0 00 f0 f4 |.| 000017d0 c9 aa d0 04 a2 00 f0 f5 e8 86 95 85 a6 ab 60 |.|
00001160 84 7f 38 20 8c 65 75 te b0 19 a5 7d 85 03 38 a9 |.| 000017e0 20 52 cc a2 03 bd 01 05 9d 74 04 ca 10 f7 a2 03 |.R.....t..|
00001170 01 20 8c c6 85 7d b0 0b a0 01 84 7c 84 73 88 a4 |.| 000017f0 bd 05 05 9d 9a 04 ca 10 f7 60 a5 af c9 02 b0 20 |.|
00001180 7e 84 7d 60 20 58 c7 20 26 22 20 46 c7 a2 97 a0 |.| 00001800 20 4b d8 20 e2 c4 a5 29 18 69 10 85 29 8d 00 02 |.K.i..|
00001190 e8 20 47 c2 a9 05 23 20 46 c7 a0 00 84 94 a2 |. G.....# F..| 00001810 c8 e6 af b1 02 d0 2c a9 b6 85 29 8d 00 02 20 23 |.|
000011a0 02 8a 48 b9 33 e1 85 46 c8 b9 33 e1 85 47 c8 b9 |.| 00001820 e9 02 d0 08 a6 0a 86 1e a6 0b 86 1f 20 4b d8 20 |.K.. . . .|
000011b0 33 e1 85 45 c8 98 48 a9 01 85 44 20 4b ce 20 46 |.| 00001830 44 d8 20 e2 c4 20 44 d8 c8 e6 af b1 02 d0 04 85 |.D.. . . .|
000011c0 c7 68 a6 aa 10 d9 e6 26 a4 30 c0 02 d0 04 |.| 00001840 85 02 e8 bd 59 ea 05 01 85 08 60 a9 00 85 94 85 80 |.|
000011d0 a9 3d d0 02 a9 3b 85 2d 20 79 d2 20 46 c7 4c 65 |. =. ;. - y. F.Le| 00001850 60 a5 af 20 4b d8 20 e2 00 02 00 ee 85 af 60 20 46 |.Y.....K.. . . .|
000011e0 c7 a9 00 85 94 a0 00 84 80 20 20 cd 20 2f d2 20 |.| 00001860 c4 20 46 c7 e6 af c8 b1 02 d0 ee 85 af 60 20 46 |.F.....|
000011f0 ec cb e6 80 a0 20 20 cd 20 2f d2 20 ec cb e6 |.| 00001870 c7 20 21 c2 20 59 d8 a2 1e 0a ea 20 47 c2 a2 34 |.|.G..4|
00001200 80 a0 40 20 dc cb 20 2f d2 20 ec cb 20 b9 cb 20 |. @... /| 00001880 a0 ea 20 47 c2 20 46 c7 20 bb c7 a9 08 85 23 a2 |.G. F. #. . .|
00001210 3b ce 21 13 bd 45 1e 9d ec 02 ca 10 f7 a5 2d f0 |.| 00001890 04 ec aa c7 20 87 d2 20 79 d2 ee 00 03 e6 99 a9 |.L.....@ . . .|
00001220 ob 09 3d 00 20 c4 d2 c6 d2 00 28 65 60 a5 |. =. ;. - &. . . .| 000018a0 05 85 20 11 cc a2 0f a9 06 4c 70 20 3e cf |.|
00001230 41 20 4d c3 38 d2 5a d2 a5 80 0a 0a 38 e5 80 aa |. A.M.8.Z.....8.| 000018b0 20 6c cf 20 ba d8 ea ea ea 60 a9 00 85 94 85 80 |.|
00001240 bd 3c e1 85 46 e8 bd 3c e1 85 |<. F..<..G..<..| 000018c0 ad 00 03 f0 ob a0 00 20 dc cb 20 1f d9 20 ec cb |.|
00001250 5a 85 45 a9 01 85 44 85 41 60 20 a4 4c 4b ce |. Z.E..D'A..L.K.| 000018d0 e6 80 a2 20 03 f0 ob a0 20 20 dc cb 20 1f d9 20 |.|
00001260 a9 00 85 20 85 22 60 a5 2d d0 04 a5 1a 85 25 60 |.| 000018e0 ec cb e6 80 ad 04 03 f0 ob a0 40 20 dc cb 20 1f |.@. @. . . .|
00001270 86 1a 85 2d a9 05 85 25 60 a0 00 98 99 00 c8 |.| 000018f0 d9 20 ec cb ac 00 03 d0 13 ac 20 03 d0 ob ac 40 |.|
00001280 d0 f0 60 a2 c0 02 a2 60 a9 00 95 3f ca 0f fb |.| 00001900 03 00 09 05 2b d0 05 20 db d2 e6 25 20 b9 ca 05 |.+....% . . .|
00001290 60 a9 01 d0 1a 92 02 d0 16 a9 04 d0 12 a9 08 d0 |.| 00001910 2b d0 06 85 8c a9 0f 85 8b 20 19 dc 4c 3b ce a5 |.+....L.;. . .|
000012a0 ob e9 10 d0 0a 92 20 06 a9 40 d0 02 a9 80 05 |.| 00001920 41 20 4d c3 38 d9 64 c7 64 c7 64 c7 b3 d9 |. A.M.8.d.d.d.d.|
000012b0 f0 85 f0 60 a9 01 d0 1a 92 02 d0 16 a9 04 d0 12 |.| 00001930 b7 db ec db 64 c7 f7 db a6 b3 e0 10 90 11 a9 00 |.|
000012c0 a9 08 d0 0e a9 10 d0 0a a9 20 d0 06 a9 40 d0 02 |.| 00001940 8d 00 03 8d 20 03 8d 40 03 85 40 85 94 f0 10 a6 |.@. @. . . .|
000012d0 a9 80 05 f1 85 f1 60 a9 01 d0 15 20 fd d2 a9 02 |.| 00001950 8a 00 04 86 40 f0 08 c6 8a 20 60 d9 20 a5 d2 60 |.|
000012e0 d0 e6 a9 04 d0 a9 08 d0 06 a9 40 d0 02 a9 80 |.| 00001960 a2 1f bd 79 e1 95 40 ca 10 f8 a5 a7 85 00 0a 0a |.y. @. . .|
000012f0 05 f2 85 f2 60 a9 00 f0 b8 a9 00 f0 d7 a9 00 f0 |.| 00001970 18 65 00 aa bd a1 e1 85 4a e8 bd a1 e1 85 4b e8 |.e.J..K.|
00001300 f1 20 46 c7 20 21 c2 20 31 c2 20 46 c7 a2 06 a9 |. F. !. 1. F..| 00001980 bd a1 e1 85 4e 8b d1 64 c7 64 c7 b3 d9 |.|
00001310 ea 20 47 c2 20 c3 d7 a5 aa 85 23 20 46 c7 a9 0c |. G..# F..| 00001990 50 a2

00001a00 59 4a b0 05 ca d0 fa 85 5e a6 5f d0 24 a6 5e bd |YJ.....^~\$.^| 00002070 b7 b8 ff 03 fd 00 bd be bf c0 ff 03 fd 00 c1 c2
 00001a10 dd e1 85 5f a2 18 a0 10 a5 5d 10 04 a2 0f a0 17 |.....].....| 00002080 c3 c4 ff 04 fd 00 e0 df e4 ea e9 ff ff 04 fd
 00001a20 86 00 84 01 a5 45 18 65 fd c5 00 d0 02 a5 01 85 |.....E.e|. 00002090 00 de da e0 dd fe e2 e7 fd e3 ff 04 fd 00 e3 e2
 00001a30 45 c6 5f a6 59 f0 02 c6 59 60 a9 07 85 00 a5 00 |E..Y...Y'| 000020a0 e6 e1 dc fe ef ff 04 fd 00 de e2 e2 dc c7 ff
 00001a40 0a 0a aa a8 45 20 f5 da a5 47 20 f5 da 98 aa |.....F...G| 000020b0 05 fd 00 e4 ea da e3 f0 e4 ea e2 e5 dd e3 c7
 00001a50 a5 5c 20 0c db d0 03 4c db da 06 00 d0 15 20 38 |.\.....L.....8| 000020c0 ff 05 fd 00 e4 e6 f0 dd e3 ff 02 fd 02 d3 do
 00001a60 db a5 50 30 6f 20 04 ce 20 e2 d2 a9 23 85 45 e6 |.POo#.E.| 000020d0 ff 02 fd 02 d8 d0 d0 ff 02 fd 02 d5 d0 d0 ff
 00001a70 5b d0 61 a5 50 10 14 a5 4f 49 ff 18 69 01 85 4f |[.A.P....O.I..i.O| 000020e0 04 fd 02 d1 d0 ff 03 fd 01 c8 9c ca cb ff 04
 00001a80 a5 50 49 ff 69 00 85 50 4c 95 d2 ca bd 09 e2 85 |.PI.i..PL| 000020f0 fd 00 fd 04 fd 00 e4 fd 00 fd 04 fd 00 fd 04 fd
 00001a90 03 c9 01 d0 02 e6 8c aa 20 1c db a5 00 48 20 8e |.....H ..| 00002100 57 be a5 77 da 6b 6e 96 ab e5 9e df f9 ee db ba
 00001aa0 cc 20 38 db 20 a1 d2 68 c9 05 b0 28 aa ca a5 47 |8....|. 00002110 66 76 b5 9a 7d 67 a9 af d9 e6 6d 5e f5 9f 97 ff
 00001ab0 38 fd 05 e2 10 0a 20 38 cf 4a 20 38 cf 4c 1c da |8.....8.J.8.L.| 00002120 5d f6 e7 f7 ad 69 59 fa ed de 79 a7 ef 7e b6 56
 00001ac0 4a 18 7d 05 e2 85 47 a9 24 85 45 a2 07 86 41 a9 |J.}...G.S.E...A.| 00002130 bd 5b b9 a8 40 08 a8 80 07 a8 c0 06 58 40 00 58
 00001ad0 3c 85 43 60 a9 1e a2 00 4c 10 ac d6 00 e0 05 b0 |<'.C'..L.....| 00002140 80 01 58 c0 02 93 86 21 3c 94 86 21 7c bf eb 02
 00001ae0 aa a5 44 49 ff 18 69 01 85 4a 54 b4 49 ff 69 00 |.JI..i..J.KI.i.| 00002150 3c bf eb 02 7c bf eb 02 0c 01 01 03 1e 01 0b 07
 00001af0 85 4b 4c 95 d2 dd e5 e1 90 08 e8 dd e5 e1 b0 02 |.KL.....| 00002160 18 00 00 00 00 00 00 00 00 00 00 00 00 00 00
 00001b00 e8 60 68 68 c6 00 30 03 4c 3e 60 da 00 a1 dd 05 |.'hh..0.L.>.| 00002170 00 00 00 00 00 00 01 03 c1 78 01 05 00 00 01 10 00
 00001b10 e1 90 07 e8 dd e5 e1 b0 01 88 98 60 a9 01 e0 03 |.....|. 00002180 00 02 00 00 e0 00 03 f3 18 00 f8 00 04 00 00 00 00
 00001b20 f0 0b 0a e0 08 p0 06 0a e0 50 f0 01 0a 49 ff 25 |.....P...I.%| 00002190 00 00 e0 00 00 00 01 07 00 80 02 00 04 80 05 00
 00001b30 8b 85 8a 97 78 85 2b 60 a5 8a 1b 61 89 01 9d |.....x.+| 000021a0 04 00 e0 18 00 f8 e8 d9 22 7b f6 ac d4 2c 2b f5
 00001b40 03 a2 02 b2 6d 1e 3a 89 05 d9 01 03 f0 09 01 10 |.....a.....| 000021b0 00 00 36 00 f4 be cb 40 f0 2c cf 74 4a f4 f1 21
 00001b50 f2 20 db d2 20 f4 ff 60 a9 0a 38 e9 05 aa a0 00 |.....`8.....| 000021c0 c4 54 09 f1 ac c0 5e 2b f0 62 bd 68 59 ef 40 ba
 00001b60 b5 49 10 01 88 18 75 4a 95 4a 85 15 98 a0 00 75 |.I..u..J.J..u| 000021d0 72 91 ee 03 05 07 09 08 0d 0f 11 13 15 0b 0a 09
 00001b70 4b 95 4b 10 01 88 06 15 75 4c 95 4c 98 75 4d 95 |K.K.....UL.U.M| 000021e0 08 06 04 02 01 c8 f8 00 ff 30 48 00 20 70 88 00
 00001b80 4d 8a d0 d6 60 a5 4d 85 47 a5 4c a2 02 0a 26 47 |M...`M.G.L...&G| 000021f0 20 a8 c8 00 20 a0 b8 58 78 00 30 00 0b 48 70 00
 00001b90 ca d0 fa a5 46 85 5c a5 52 85 46 51 a2 05 0a |.F.\.R.F.Q.| 00002200 0b 88 00 0b 10 10 68 03 08 50 01 03 08 50
 00001ba0 26 46 ca d0 fa a5 47 c9 b0 b0 ab 60 bd 61 e3 |&F...G.....a.| 00002210 1a e2 2a e3 3a e4 2a e2 5a e2 6a e2 8a e2 72
 00001bb0 a8 89 01 99 00 03 60 a9 e0 85 59 a9 04 85 5a a5 |.....`Y..Z| 00002220 8a e2 82 e2 6a e2 8a e2 7a e2 92 e2 a2 e2 9a e2
 00001bc0 5d 20 38 cf 85 5d a2 00 86 5f e8 b5 55 95 4f b5 |.....`Y..Z| 00002230 a2 e2 aa e2 b2 c2 e2 ba e2 ca e2 d2 ca e2
 00001bd0 53 95 4a b5 46 95 57 ca 10 f1 a9 01 85 03 20 8e |S.J.F.W.....| 00002240 d2 e2 aa e2 b2 e2 d2 e2 ea e2 f2 e2 0a e3 f2 e2
 00001be0 cc c6 41 20 4b ce 20 a5 d2 4c 95 d2 c6 43 d0 04 |.A.K..`L..C.| 00002250 fa e2 12 e3 02 e3 f2 e2 fa e2 6a e2 7a e2 72 e2
 00001bf0 a9 00 85 41 4c 4b ce a5 43 d0 06 e6 43 a5 42 85 |.ALK.C...C.B.| 00002260 82 e2 fa e2 0a e3 02 e3 12 e3 42 2c 01 01 48 64
 00001c00 41 c6 43 a5 5b f0 11 a5 41 d0 02 85 40 4c ab |A.C.[...A..@L.K.| 00002270 00 00 42 64 01 01 48 2c 01 00 92 92 03 02 48 64
 00001c10 86 42 85 43 a9 09 85 41 60 a9 00 85 46 85 47 a9 |B.C..A`..F.G.| 00002280 00 00 92 64 03 02 48 2c 01 00 90 e8 00 03 89 74
 00001c20 1f 85 45 a2 03 86 40 a5 8b 05 84 85 41 a6 45 e0 |.E..@...A.E.| 00002290 01 01 3a 6c 00 01 80 94 00 00 3a 94 00 01 80 6c
 00001c30 22 d0 04 a6 8c f0 07 46 41 90 03 20 4b ce e6 45 |".FA..K..E| 000022a0 01 00 3a ac 00 02 c8 ac 00 00 90 4c 00 03 28 04
 00001c40 c6 40 10 e9 60 a9 00 85 41 a2 06 a4 b3 c0 10 b0 |. @..`A.....| 000022b0 01 00 95 64 00 04 80 9c 00 00 95 9c 00 04 80 64
 00001c50 05 20 66 dc a2 12 20 70 d2 4c 3b ce 20 77 cd a2 |. f...p.L..w.| 000022c0 01 00 90 a8 00 05 df f4 00 01 3a 1c 00 01 38 1c
 00001c60 a9 09 4c 70 d2 20 b4 cd 20 co d2 a9 12 ab 60 |.Lp.....| 000022d0 00 00 90 18 00 02 4f 64 00 01 38 dc 00 03 a8 dc
 00001c70 e0 05 d0 1c 20 f9 d2 20 ee d2 a0 1d a6 b2 e0 06 |.....|. 000022e0 01 00 90 70 00 04 af d0 00 01 90 d0 00 04 91 7c
 00001c80 90 01 c8 84 45 20 4b ce a9 24 a4 b0 d0 02 a9 18 |.E.K.\$.....| 000022f0 01 01 90 30 00 01 77 8c 00 01 42 9c 01 03 b8 d4
 00001c90 60 dd dc e2 d2 e7 dc ec df 1c fa dc 03 dd 0c |`.....|. 00002300 00 00 42 d4 01 03 b8 9c 01 00 92 9c 03 04 b8 d4
 00001ca0 dd 19 dd 26 dd 2b dd 30 3d 35 dd 3a dd 3f dd el |&.+0.5..?..| 00002310 00 00 92 d4 03 04 b8 9c 01 00 01 01 01 01
 00001cb0 dc 44 dd 49 dd 4e dd 53 5d 58 dd 5d dd 62 dd 67 |D.I.N.S.X.l.b.g| 00002320 01 02 01 02 01 02 01 02 02 02 02 02 3c 36
 00001cc0 dd 71 dd 76 dd 7b dd 84 8d 89 dd 8e dd 93 dd 9c |q.v.{.....| 00002330 30 2a 24 00 80 aa 20 05 0b 14 ff 25 20 15 20 15
 00001cd0 ad 1l dd a6 dd ab dd b0 dd 6c dd 5b dd 52 e0 |.....1..R.| 00002340 12 20 18 15 18 14 12 20 16 12 18 14 10 15 12 09
 00001ce0 f4 00 de 7c e0 f4 00 de 9c e0 f4 00 de c0 e0 f4 |.....|. 00002350 14 11 08 13 10 07 12 09 06 aa 17 16 17 aa c0 80
 00001cf0 00 de ee e0 f4 df 48 ed fc 00 df 1c e0 f4 df 48 |.....H...B| 00002360 40 20 40 00 00 20 40 05 10 20 00 01 20 00 00 01
 00001dd0 ec fc 00 df 52 e0 f0 df 4d 18 fc 00 df 70 e0 f0 |.R..M..p.| 00002370 20 00 01 20 00 05 06 07 0e 0f aa b6 6d db aa
 00001d10 df 48 ed fc df 4d 18 fc 00 df 8e e0 f0 df 4d 18 |.H..M.....M.| 00002380 88 e3 01 e4 70 e4 83 e4 c8 ec c8 f4 c8 ff 04
 00001d20 fc df 48 ec fc 00 df ac e0 f8 00 df c1 e0 f8 00 |.H.....|. 00002390 c8 0c d0 ec d0 f4 d0 fc d0 04 d0 0c d8 ec d8 f4
 00001d30 d6 e0 fc 00 df e4 e0 f4 00 e0 ee e0 f0 00 e0 |.....|. 000023a0 d8 fc d8 04 d8 0c e0 ec 04 e0 f4 e0 0c e0
 00001d40 2c 2b f4 00 e0 33 f8 f8 00 e0 03 b8 f8 00 e0 43 |.+.3...;..C| 000023b0 e8 ec e8 f4 e8 fc e8 04 e8 0c f0 ec f0 f4
 00001d50 f8 00 e0 4b f8 00 e0 53 f8 f8 00 e0 5b f8 |.K...S.[..|. 000023c0 f0 04 f0 0c f8 ec f8 f4 f8 fc f8 04 f8 0c 00 ec
 00001d60 f8 00 e0 63 f8 f8 00 e0 6b f8 00 e0 6e 00 e0 7f f8 |.c...k.| 000023d0 00 f4 00 fc 00 04 00 0c 08 ec 08 fc 08 04
 00001d70 00 e0 73 00 f8 00 e0 7b 00 f8 00 e0 8e 10 dc e0 |.s...{.....| 000023e0 08 0c 10 ec 10 f4 10 fc 10 04 10 18 ec 18 f4
 00001d80 83 f8 e4 00 e0 9b d8 e8 00 e0 a7 d8 f0 00 e0 b0 |.H.....|. 000023f0 18 fc 18 04 18 0c 20 ec 20 f4 20 fc 20 04 20 0c
 00001d90 08 00 e0 e0 c1 e0 ec e0 b0 08 00 e0 e0 18 10 |.....|. 00002400 aa c0 ec 0c f4 co fc 0c 04 0c 8c ec c8 f4 c8
 00001da0 00 e0 d1 50 10 00 e0 d8 88 10 00 e0 e0 90 60 00 |.P.....|. 00002410 fc 04 c8 0c d0 ec d0 f4 d0 fc d0 04 d0 0c d8
 00001dbo e0 2c e6 f4 00 e0 ef d0 ec 00 00 00 00 08 00 10 |. .|. 00002420 ec d8 f4 d8 fc d8 04 d8 0c e0 ec e0 f4 fc e0
 00001dc0 08 00 08 08 10 00 10 08 10 10 18 fc 18 04 |.....|. 00002430 04 e0 0c 08 ec 08 fc 08 04
 00001dd0 18 0c 18 20 14 20 fc 20 0c 20 14 28 fc 20 04 |. .|. 00002440 f4 f0 ec 04 00 fc 08 ec 08 fc 08 04
 00001de0 28 0c 28 14 30 fc 30 04 30 0c 30 14 38 08 00 00 |(.0.0.0.0.8..| 00002450 0c 00 ec 00 f4 00 fc 00 04 00 0c 08
 00001df0 00 08 08 00 08 08 10 00 10 08 18 00 18 08 20 00 |.....|. 00002460 fc 08 04 08 10 0c 10 10 04 10 0c aa
 00001eo0 20 08 28 00 28 08 30 00 30 08 38 04 00 00 08 00 |.(-.0.0.8..| 00002470 f4 f4 f4 fc 04 04 fc f4
 00001e10 10 00 18 00 20 00 28 00 30 00 38 00 00 00 00 08 |. .|. 00002480 04 04 aa d8 ec d8 f4 d8 fc d8 04 d8 0c e0 ec e0
 00001e20 08 00 08 08 00 00 00 08 00 10 00 18 00 20 00 28 |. .|. 00002490 f4 e0 fc e0 04 00 ec 04 e8 f4 e8 fc 08 e0 04
 00001e30 00 30 00 38 00 40 00 48 00 00 fe 08 fc 10 fa 18 |.0.8..H.....| 000024a0 0c 00 fc 04 00 f4 00 ec 04 f8
 00001e40 f8 20 f6 28 f4 30 f2 38 00 00 fe 08 fc 10 fa 18 |. .|. 000024b0 fc 08 04 f8 0c 00 ec 00 f4 00 fc 00 04 00 0c 08
 00001e50 e8 60 00 fd 01 00 01 fd 01 02 fd 01 03 04 fd 01 |. `.....|. 000024c0 fc 08 04 f8 0c 00 fe 08 04 08 10 10 04 10 0c 10
 00001e60 05 fd 01 06 fd 01 07 fd 01 08 09 0a 0b 0c 0d ec |. .|. 000024d0 04 10 0c 18 0c 18 04 18 0c 20 0c 20 0c 20 0c 20
 00001e70 ec 0e 0f 10 11 12 13 14 15 16 eb ff 00 fd 01 30 |. .|. 000024e0 f4 20 fc 20 04 20 0c aa 20 64 18 2b fe 2c ff ff
 00001e80 31 32 33 34 35 36 37 38 39 3a 3b 3c 3d ee ee 3e |. .|. 000024f0 f7 27 fe fe ff fe ff 27 28 2b fe fe ff fe ff
 00001e90 3f 40 41 42 43 44 45 46 fd 01 eb ff 00 fd 01 00 |?@ABCDEF.....| 00002500 2c ff fe ff 20 85 15 fe ff fe ff fe ff fe ff
 00001ea0 01 fd 01 02 fd 01 03 04 05 06 07 08 09 0a 0b 0c |. .|. 00002510 ff fe ff
 00001eb0 0d ec ec 0e 0f 10 11 12 13 14 15 16 fd 01 eb ff |. .|. 00002520 ff fe ff
 00001ec0 00 fd 01 5c 5d fd 41 5c fd 01 5e 5f 60 61 62 fd |. .|. 00002530 fe ff
 00001ed0 41 61 fd 01 63 64 fd 01 65 66 fd 01 67 68 69 fd |. .|. 00002540 fd fe ff
 00001ee0 01 6a fd 01 6b 6c 6d 6e 58 59 5a 5b fd 00 fd |. .|. 00002550 2b fe fe ff
 00001ef0 02 17 18 fd 02 19 fd 02 1a 1b fd 02 1c fd 02 1d |. .|. 00002560 2b fe fe ff fe ff fe ff fe ff fe ff fe ff
 00001f00 1e fd 02 1f fd 02 20 21 fd 02 22 23 fd 02 24 25 |. .|. 00002570 21 25 17 27 fe 28 2b fe fe 28 2b fe fe 28
 00001f10 26 27 28 29 2a 2b 2c ec 0c 2d eb ff 00 fd 03 70 |. .|. 00002580 2c 27 fe 24 0a 1b 11 18 15 26 21 45 10 fe ff fe
 00001f20 71 fd 43 70 fd 03 72 73 fd 43 72 fd 03 74 75 fd |. .|. 00002590 ff fe ff
 00001f30 43 74 fd 03 76 77 78 79 7a 7b 7c 7d 7e 7f 80 81 |. .|. 000025a0 fe fe ff
 00001f40 82 83 84 85 fd 02 eb ff 01 fd 01 86 ff 01 fd 02 |. .|. 000025b0 21 85 ff fe ff fe ff fe ff fe ff fe ff fe ff
 00001f50 eb ff 06 74 4a 4b 4c 4d 4e 4f 50 51 52 53 54 55 |. .|. 000025c0 fe ff
 00001f60 56 57 58 59 5a 5b 5c 5d 5e 5f 60 61 62 63 64 65 |. .|. 000025d0 22 05 2b fe 2c 22 07 17 10 0a 16 0e ff 0a 0b ff
 00001f70 06 74 ff 30 31 ff 32 33 34 35 36 37 38 39 3a 3b |. .|. 000025e0 10 0a 15 15 0e 1b 22 ff ff ff ff ff ff ff
 00001f80 3c 3d 3e 3f 40 41 42 43 44 45 46 47 48 49 06 74 |. .|. 000025f0 47 17 10 0a 16 0e ff 0b ff 0c 12 1d 22 ff ff
 00001f90 fd 66 67 ff fd 68 69 ff fd 69 70 71 |. .|. 00002600 ff
 00001fa0 72 73 74 75 76 77 78 79 7a 7b 7c 7d 01 fd 00 |. .|. 00002610 ff 0c ff ff 1c 18 1e 19 1f 1c 11 18 1d ff 22
 00001fb0 a4 a1 a5 a2 a6 a3 ee a3 ee fd 02 eb |. .|. 00002620 14 1d 18 19 05 23 16 2d 01 09 08 04 ff 07 17
 00001fc0 fd 01 fd 00 07 aa 08 ab a9 ac ec ad ec ad ec ad |. .|. 00002630 17 1d 0e 17 0d 23 c0 18 2e 15 10 fd 0d 23
 00001fd0 ec ad fd 02 eb ff 02 fd 00 09 fd 01 fd 02 fd |. .|. 00002640 60 00 23 e0 48 ff 23 e8 48 af 23 f1 47 55 00 7f
 00001fe0 fd 02 eb ff 00 fd 00 08 88 fd 40 87 fd 00 89 8a |. .|. 00002650 e6 95 e6 b9 e6 d6 e0 01 02 27 fd ff
 00001ff0 8a 8c 8d 8e 88 fd 00 90 91 fd 40 8f fd 00 92 93 94 95 |. .|. 00002660 e7 25 e7 49 e7 b5 e7 d9 01 02 27 fd
 00002000 96 97 98 99 9a 9b 9c fd 40 9a fd 02 eb ff 06 74 |. .|. 00002670 86 fd 01 87 fd 01 fd 02 fd 02 fd 02 fd
 00002010 ff fd 00 fd 03 ae |. .|. 00002680 0f 21 21 0f 03 20 27 ff 01 30 29 0f 01 30 10 0f
 00002020 ff fd 00 fd 03 ae |. .|. 00002690 3f 18 48 ff 00 fd 00 02 00 01 30 29 0f 01 30 10 0f
 00002030 af b0 03 fd 03 fd 81 b3 b4 |. .|. 000026a0 01 3c 11 0f 01 30 27 of 01 30 10 00 01 30 27 of
 00002040 b1 b2 fd 03 fd c1 bc bb |. .|. 000026b0 01 06 27 fd 01 30 36 fd 01 30 27 fd 01 30 36 fd 01 30 36 fd
 00002050 b2 b7 fd 03 fd 41 ba b9 |. .|. 000026c0 01 30 10 01 03 11 0f 01 06 27 fd 01 30 10 00 01 30 36 fd
 00002060 b3 b4 fd 03 fd 01 b1 b2 |. .|. 000026d0 01 30 27 fd 01 06 27 fd 01 30 27 fd 01 30 36 fd 01 30 36 fd
 00002070 rstuvwxyz{|. .|. 000026e0 0f 21 30 29 ff 01 30 36 fd
 00002080 fctvwxxyz{|. .|. 000026f0 0f 21 31 0f 03 20 27 fd 01 30 36 fd 01 30 36 fd 01 30 36 fd 01 30 36 fd
 00002090 12 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002100 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002110 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002120 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002130 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002140 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002150 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002160 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002170 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002180 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002190 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002200 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002210 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002220 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002230 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002240 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002250 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002260 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002270 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002280 fd 01 fd 02 fd 03 fd 04 fd 05 fd 06 fd 07 fd 08 fd 09 fd 0a fd 0b fd 0c fd 0d fd 0e fd 0f fd 0g fd
 00002290 fd 01 fd 02 fd 03

prg

prg

00000d20	7c c6 0e 3c 78 e0 fe 00	00 00 00 00 00 00 00 00 00 00 ..<x.....
00000d30	7e 0c 18 3c 06 c6 7c 00	00 00 00 00 00 00 00 00 00 00 `~<
00000d40	1c 3c 6c cc fe 0c 0c 00	00 00 00 00 00 00 00 00 00 00 .<1.....
00000d50	fc c0 fc 06 06 c6 7c 00	00 00 00 00 00 00 00 00 00 00
00000d60	3c 60 c0 fc c6 c6 7c 00	00 00 00 00 00 00 00 00 00 00 <'.....
00000d70	fe c6 0c 18 30 30 30 00	00 00 00 00 00 00 00 00 00 00 000.....
00000d80	7c c6 c6 7c c6 c6 7c 00	00 00 00 00 00 00 00 00 00 00
00000d90	7c c6 c6 7e 06 0c 78 00	00 00 00 00 00 00 00 00 00 00 ...~x.....
00000da0	38 6c 6c 6f fe c6 c6 00	00 00 00 00 00 00 00 00 00 00 81.....
00000db0	fc c6 c6 fc c6 c6 fc 00	00 00 00 00 00 00 00 00 00 00
00000dc0	f8 cc c6 c6 cc f8 00	00 00 00 00 00 00 00 00 00 00
00000dd0	fe c0 c0 fc c0 fe 00	00 00 00 00 00 00 00 00 00 00
00000de0	3e 60 c0 ce c6 66 3e 00	00 00 00 00 00 00 00 00 00 00 >`...f>.....
00000df0	7e 18 18 18 18 18 7e 00	00 00 00 00 00 00 00 00 00 00 `.....`.....
00000e00	c6 ee fe fe d6 c6 c6 00	00 00 00 00 00 00 00 00 00 00
00000e10	c6 e6 f6 fe de ce c6 00	00 00 00 00 00 00 00 00 00 00
00000e20	7c c6 c6 c6 c6 7c 00	00 00 00 00 00 00 00 00 00 00
00000e30	fc c6 c6 fe f8 dc ce 00	00 00 00 00 00 00 00 00 00 00
00000e40	78 cc c0 7c 06 c6 7c 00	00 00 00 00 00 00 00 00 00 00 x
00000e50	7e 18 18 18 18 18 18 00	00 00 00 00 00 00 00 00 00 00 `.....`.....
00000e60	c6 c6 c6 c6 c6 7c 00	00 00 00 00 00 00 00 00 00 00
00000e70	c6 c6 c6 ee 7c 38 10 00	00 00 00 00 00 00 00 00 00 00 8.....
00000e80	00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00
00000e90	00 00 7c 00 7c 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00
00000ea0	c6 c6 c6 fe c6 c6 00	00 00 00 00 00 00 00 00 00 00
00000eb0	18 18 18 18 18 3c 7e ff	18 18 18 18 18 3c 7e ff <`...<`...<`.....
00000ec0	ff ff ff ff ff ff ff ff	ff ff ff ff ff ff ff ff
00000ed0	00 00 00 00 00 00 00 00 00 00	ff ff ff ff ff ff ff ff
00000ee0	ff ff ff ff ff ff ff ff	00 00 00 00 00 00 00 00 00 00
00000ef0	00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00
00000f00	fc c6 c6 c6 fc c0 00	00 00 00 00 00 00 00 00 00 00
00000f10	00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00
*		
00001000	ff ff ff ff ff ff ff	c7 b3 39 39 39 9b c7 ff999.....
00001010	ff ff ff ff ff ff ff	e7 c7 e7 e7 e7 81 ff
00001020	ff ff ff ff ff ff ff	83 39 f1 c3 87 1f 01 ff9.....
00001030	ff ff ff ff ff ff ff	81 f3 e7 c3 f9 39 83 ff9.....
00001040	ff ff ff ff ff ff ff	e3 c3 93 33 01 f3 f3 ff3.....
00001050	ff ff ff ff ff ff ff	03 3f 03 f9 f9 39 83 ff?.....9.....
00001060	ff ff ff ff ff ff ff	c3 9f 3f 03 39 39 83 ff?.....999.....
00001070	ff ff ff ff ff ff ff	01 39 f3 e7 cf cf cf ff9.....
00001080	ff ff ff ff ff ff ff	83 39 39 83 39 83 ff99.999.....
00001090	ff ff ff ff ff ff ff	83 39 39 81 f9 f3 87 ff99.....
000010a0	c7 93 39 39 01 39 39 ff	ff ff ff ff ff ff ff ff99.99.....
000010b0	03 39 39 03 39 39 03 ff	ff ff ff ff ff ff ff ff99.99.....
000010c0	c3 99 3f 3f 99 c3 ff	ff ff ff ff ff ff ff ff?.....
000010d0	07 33 39 39 39 33 07 ff	ff ff ff ff ff ff ff ff39993.....
000010e0	01 3f 3f 03 3f 03 01 ff	ff ff ff ff ff ff ff ff?.....?
000010f0	01 3f 3f 03 3f 3f 03 ff	ff ff ff ff ff ff ff ff?.....???
00001100	c1 9f 3f 31 39 99 c1 ff	ff ff ff ff ff ff ff ff?.....19.....
00001110	39 39 39 01 39 39 39 ff	ff ff ff ff ff ff ff ff999.999.....
00001120	81 e7 e7 e7 e7 81 ff	ff ff ff ff ff ff ff ff
00001130	ff 70 3f 3f 3f 3f ff	ff ff ff ff ff ff ff ff .. .p?????.....
00001140	39 33 27 07 07 23 31 ff	ff ff ff ff ff ff ff ff93'....#1.....
00001150	9f 9f 9f 9f 9f 81 ff	ff ff ff ff ff ff ff ff
00001160	39 11 01 01 29 39 39 ff	ff ff ff ff ff ff ff ff9.....)99.....
00001170	39 19 09 01 21 31 39 ff	ff ff ff ff ff ff ff ff9.....119.....
00001180	83 39 39 39 39 83 ff	ff ff ff ff ff ff ff ff1.99999.....
00001190	03 39 39 03 03 3f ff	ff ff ff ff ff ff ff ff999.??.....
000011a0	39 39 39 39 11 83 c7 ff	ff ff ff ff ff ff ff ff9999.....
000011b0	03 39 39 31 07 23 31 ff	ff ff ff ff ff ff ff ff991.#!.....
000011c0	87 33 3f 83 f9 39 83 ff	ff ff ff ff ff ff ff ff3?.9.....
000011d0	81 e7 e7 e7 e7 81 ff	ff ff ff ff ff ff ff ff
000011e0	39 39 39 39 39 83 ff	ff ff ff ff ff ff ff ff999999.....
000011f0	ff 81 81 81 81 ff	00 00 00 00 00 00 00 00
00001200	f7 e7 e7 e7 e4 f4 ff	ff ff ff ff ff ff ff ff
00001210	ff ff ff ff ff 1c 0c ff ff	ff ff ff ff ff ff ff ff
00001220	99 99 99 c3 e7 e7 ff	ff ff ff ff ff ff ff ff
00001230	e7 e7 ff ff ff ff ff	ff ff ff ff ff ff ff ff
00001240	39 39 39 29 01 11 39 ff	ff ff ff ff ff ff ff ff999..)9.....
00001250	ff ff ff ff 7f 7f 3f 0f 07	00 00 00 00 00 00 00 00
00001260	ff ff ff fe fe ff e0	00 00 00 00 00 00 00 00
00001270	07 1f 3f 7f 7f ff ff	00 00 00 00 00 00 00 00
00001280	e8 ff fc fe ff ff ff	00 00 00 00 00 00 00 00
00001290	e7 e7 e7 e7 e7 e7 ff	00 00 00 00 00 00 00 00
000012a0	00 00 00 00 00 00 00 00	00 00 00 00 ff ff 00 00 00
000012b0	ff ff ff ff ff ff ff ff	00 00 00 00 00 00 00 00
000012c0	ff ff ff fe fe ff ff ff	00 00 00 00 00 00 00 00
000012d0	c3 bd 66 5e 66 bd c3	ff ff ff ff ff ff ff ff .. .f^~f.....
000012e0	ff ff ff ff 93 93 7f ff	ff ff ff ff ff ff ff ff
000012f0	ff ff ff ff 9f 9f ff ff	ff ff ff ff ff ff ff ff
00001300	00 01 0e 18 20 40 40 80	00 01 0f 1f 3f 7f 7f ff .. .@.....?.....
00001310	c0 30 38 04 02 00 01	00 c0 ff 8 fc fe ff ff .. .0.....
00001320	00 01 01 01 01 01 00	00 01 01 01 01 01 01
00001330	80 00 0c 3e 3f 7f ff ff	ff ff ff ff f3 e1 e1 ff ff .. .>?.....
00001340	01 00 00 00 00 ff ff ff	ff ff ff ff ff ff ff ff
00001350	80 80 c0 a0 88 88 84	80 80 c0 e0 ff 8 fc ff
00001360	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
00001370	7f 7f 7f 7f 7f 3f 1f 07	7d 7c 38 00 00 00 00 01 .. .?..}8.....
00001380	ff ff ff fe fe ff c3	ff e0 00 00 00 00 00 00 .. .<.....
00001390	04 f8 00 00 00 00 00 00	fc ff 00 00 00 00 00 00
000013a0	00 00 01 01 03 07 07 07	00 00 01 01 03 07 07 07
000013b0	3c bf bf bf 9f df ef	33 f8 ff fc ff ff ff ff .. .<.....3.....
000013c0	7d fd ff fd fb f3 f7	83 07 07 1f ff ff ff ff .. {.....
000013d0	00 80 c0 e0 ff 00 f8	00 80 c0 e0 ff 00 f8 ff
000013e0	0f 0f 1f 1f 1f 1f ff	0f ff 0f 1f 1f ff ff ff
000013f0	f0 e0 c0 c0 80 80 80	ff ff ff ff ff ff ff ff
00001400	ff 07 03 03 13 f9 91 81	ff ff ff ff ff ff ff ff
00001410	f8 ff fc fc fc fc	f8 ff fc fc fc fc fc
00001420	1f 1f 0f 0f 0f 0f 07 03	1f 1f 0f 0f 0f 0f 07 03
00001430	c0 c1 e0 ff ff ff ff	ff ff ff ff ff ff ff ff
00001440	83 c3 87 1f ff ff ff	ff ff ff ff ff ff ff ff
00001450	f8 ff 8 f8 f8 f8 f0 e0	ff ff 8 f8 f8 f8 f0 e0
00001460	03 01 01 01 01 03 03	03 01 01 01 01 03 03
00001470	ff ff ff ff ff ff ff	ff ff ff ff ff ff ff ff
00001480	e0 c0 c0 c0 c0 80	e0 c0 c0 c0 c0 80
00001490	00 00 00 00 00 00 01	00 00 00 00 00 00 00
000014a0	00 0f 3f 7f ff ff fc	00 0f 3f 7f ff ff fc
000014b0	ff 0f 3f 7f ff ff ff	ff 0f 3f 7f ff ff ff .. .?.....?.....
000014c0	0f 0f fc fe ff ff ff	0f 0f fc fe ff ff ff .. .?.....?.....
000014d0	00 00 00 00 00 00 80	00 00 00 00 00 00 00
000014e0	01 01 01 01 01 01 00	00 00 00 00 00 00 00
000014f0	f0 f0 c0 fe 3f 3e 1c	f0 f0 c0 fe 3f 3e 1c .. .?>?.....?.....
00001500	0f 0f 3f 7f fc 7c 38	0f 0f 3f 7f fc 7c 38 .. .8.....
00001510	80 80 80 80 00 00 00	00 00 00 00 00 00 00
00001520	00 00 00 00 00 00 00	00 00 00 00 00 00 00
00001530	00 03 07 00 03 07 07	7f 7c 38 3f 3c 38 18 18 .. .8?<8.....
00001540	00 c0 e0 c0 e0 e0	f3 e1 c1 e3 f3 .. .>?.....<.....
00001550	00 00 00 00 00 00 00	00 00 00 00 00 00 00
00001560	00 0f 1f 1f 1f 3f 3f	00 00 00 00 00 00 00 .. .???.
00001570	f3 ff ff ff ff ff	0c 04 12 1f 1f 00 01 01 .. .???.
00001580	cf df ff ff ff ff	30 20 48 f8 f8 80 c0 .. .0 H.....
00001590	00 f0 f8 f8 fc fc	00 00 00 00 00 00 00 .. .0.....
000015a0	7f 7f 7f 7f ff ff	00 01 01 02 02 02 02 02 .. .000.
000015b0	ff ff ff ff ff ff	01 01 01 03 07 00 00 00 .. .000.
000015c0	ff ff ff ff ff ff	c0 e0 60 20 00 80 00 08 .. .`.....
000015d0	ff fe fe fe ff ff ff	00 80 80 40 40 48 50 .. .@@HP
000015e0	ff ff ff ff ff ff	04 04 05 00 00 00 00 01 .. .0.....
000015f0	ff ff ff ff ff ff	10 08 08 88 0c 06 06 04 .. .0.....
00001600	ff ff ff ff ff ff	10 10 10 30 30 20 20 20 .. .000.
00001610	ff ff ff ff ff ff	20 20 20 40 40 40 80 .. .000.
00001620	7f 7f ff ff ff ff	01 02 02 04 18 00 00 00 .. .0.....
00001630	ff ff ff ff ff ff	0c 08 08 0c 08 0c 08 0c .. .0.....
00001640	ff ff ff ff ff ff	20 20 20 20 20 20 20 20 .. .0.....
00001650	fe fc fc f8 f8 f8	80 40 20 10 08 00 00 00 .. .0.....
00001660	00 00 00 00 00 00 03	00 00 00 00 00 00 00 00 .. .0.....
00001670	00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 .. .0.....
00001680	1f 3f 7f ff ff	80 00 80 9c 02 80 00 00 .. .0.....
00001690	8f fc ff ff	01 00 00 00 00 00 00 00 .. .0.....
000016a0	00 00 00 00 00 06 0f	1f 01 03 03 03 03 01 00 00 .. .0.....
000016b0	80 80 80 9c 02 80 00 00	ff ff ff ff ff ff ff ff .. .0.....
000016c0	01 01 39 40 01 00 00	ff ff ff ff ff ff ff ff .. .9@.....
000016d0	00 00 00 00 00 60 f8	80 c0 c0 c0 80 00 00 .. .0.....
000016e0	3f 7f ff ff ff ff	00 00 00 00 00 00 00 80 40 .. .?.....@.
000016f0	87 88 b0 98 80 c0 e0 ff	7f 7f 7f 7f 7f 3f 1f 00 .. .?.....?.....
00001700	e1 11 0d 19 01 03 07 ff	0e 01 01 01 01 01 01 01 .. .0.....
00001710	fc fe ff ff ff ff	00 00 00 00 00 00 00 00 01 02 .. .0.....
00001720	7f 7f 7f 7f ff ff	20 10 08 04 02 01 02 02 .. .0.....
00001730	ff ff ff ff ff ff	00 00 00 00 01 01 01 01 01 .. .0.....
00001740	ff ff ff ff ff ff	00 00 00 00 80 80 85 f8 .. .0.HP
00001750	fe fe fe fe ff ff ff	04 08 10 20 40 80 48 50 .. .0.....
00001760	ff ff ff ff ff ff ff	04 04 04 04 00 00 00 00 01 .. .0.....
00001770	ff ff ff ff ff ff ff	1f 01 01 01 01 01 01 01 .. .j5.....*
00001780	ff ff ff ff ff ff	f8 80 80 80 80 80 80 80 .. .0.....
00001790	ff ff ff ff fe fe	20 20 20 20 40 40 80 80 .. .000.
000017a0	7f 3f 1f 1f 1f 1f 1f	01 02 02 04 18 00 00 00 .. .0.....
000017b0	ff ff ff ff ff ff	01 01 01 01 00 00 00 00 .. .0.....
000017c0	ff ff ff ff ff ff ff	80 80 80 80 00 00 00 00 .. .0.....
000017d0	fe fc fc f8 f8 f8 f8	20 20 20 ff 04 04 04 ff .. .0.....
000017e0	d5 3a 1a 0c 06 02 00	20 15 0a 05 03 01 01 01 .. .j5.....*
000017f0	df df 0f ff ff ff	07 20 20 20 ff 04 07 ff .. .0.....
00001800	df df df 07 ff ff ff	07 27 27 ff 07 07 07 ff .. .0.....
00001810	df df df 1f c0 fb ff	00 3f 3f ff 3f 04 04 ff .. .0.....
00001820	08 08 ff 80 80 ff ff	03 ff ff ff ff ff ff ff .. .0.....
00001830	df df df 00 ff ff ff	20 20 20 ff 04 04 04 ff .. .0.....
00001840	ff ff ff ff 00 ff ff	20 20 20 ff 04 04 04 ff .. .0.....
00001850	df df df 00 ff fb e0	20 20 20 ff 04 e4 e4 ff .. .0.....
00001860	ff ff ff e0 fb fb e0	0e e0 e0 ff e4 e4 e4 ff .. .0.....
00001870	ff ff ff 80 03 ff 0b	f8 f8 f8 ff fc 04 04 ff .. .0.....
00001880	55 aa 55 00 ff fb ff	0a 55 aa ff 04 04 ff .. .U.U.....U.....U.
00001890	df df df 00 fb fb fb	20 20 20 ff 04 04 04 ff .. .0.....
000018a0	ff 00 ff 00 ff ff ff	ff ff ff ff ff ff ff .. .0.....
000018b0	55 aa 54 a8 50 20 40 80	ff aa 54 a8 50 a0 c0 80 00 .. .U.T.P @.T.P.
000018c0	04 02 01 01 01 01 01	38 7c fe fe fe fe fe .. .8
000018d0	01 01 01 01 01 01 01	fe fe fe fe fe fe fe .. .0.....
000018e0	c7 83 01 01 01 01 01	fb fd fe fe fe fe fe .. .0.....
000018f0	01 01 01 01 11 01 01	fe fe fe fe fe fe fe .. .0.....
00001900	ff ff c3 81 c3 ff ff	ff 00 c3 81 c3 c3 00 ff .. .0.....
00001910	ff ff c0 c0 c0 c0 c0	ff 80 80 80 80 80 80 80 .. .0.....
00001920	c0 c0 c0 c0 c0 c0 c0	ff 80 80 80 80 80 80 80 .. .0.....
00001930	ff ff 00 00 00 00 00 00	ff 00 ff ff ff ff ff .. .0.....
00001940	00 00 00 00 00 00 ff ff	ff ff ff ff ff ff ff .. .0.....
00001950	ff ff 03 03 03 03 03 03	ff 02 fe fe fe fe fe .. .0.....
00001960	03 03 03 03 03 03 03 03	fe fe fe fe fe fe fe .. .0.....
00001970	ff ff 03 03 03 03 03 03	ff ff 02 02 02 02 02 02 .. .0.....
00001980	03 03 03 03 03 03 03 03	02 02 02 02 02 02 02 02 .. .0.....
00001990	ff ff 00 00 00 00 00 00	ff 00 00 00 00 00 00 00 .. .0.....
000019a0	ff ff 03 03 03 03 03 03	fe 02 02 02 02 02 02 02 .. .0.....
000019b0	03 03 03 03 03	

chr

00001d80	fe fe 00 fe fe 00 fe fe	fe fe 00 fe fe 00 fe fe
00001d90	fe 00 fe fe fe fe fe 00	fe 00 fe fe fe fe fe 00
00001da0	00 00 00 00 00 00 20 20	fe fd fb f7 ef df bf 7f
00001dbo	00 00 02 02 02 12 12 12	fe fd fb f7 ef df bf 7f
00001dc0	20 20 20 20 20 20 20 20	ff ff ff ff ff ff ff ff
00001dd0	a0 20 e0 p0 f8 fc fe 00	ff 3f ff ff ff ff ff 00
00001de0	12 12 12 12 12 12 12 12	ff ff ff ff ff ff ff ff
00001df0	92 d2 12 f2 fa 02 fe ff	ff ff 1f ff ff 03 ff ff
00001e00	7f 7f 00 bf bf 00 df df	7f 7f 00 bf bf 00 df df
00001e10	df 00 ef ef f7 f7 f7 00	df 00 ef ef f7 f7 f7 00
00001e20	fb fb fd fd fe fe fe	fb fb fd fd fe fe fe
00001e30	ff ff ff ff ff ff ff ff	41 41 41 41 41 41 41 41	AAAAAAA
00001e40	ff ff fe fe fc f8 p0 c0	c0 80 00 00 00 00 00 00
00001e50	00 00 00 00 00 00 00 00	00 00 00 7c 7c 00 00 00
00001e60	03 03 03 03 03 03 03 03	fc fc fc fc fc fc fc fc
00001e70	ff ff ff 00 00 00 00 00	00 00 00 00 00 00 00 00
00001e80	c0 c0 c0 c0 c0 c0 c0	3f 3f 3f 3f 3f 3f 3f 3f	???????
00001e90	ff ff f0 e8 e7 e7 e8 f0	ff ff ff ff ff ff ff ff
00001ea0	e7 e7 e7 e8 f0 ff ff	ff ff ff ff ff ff ff ff
00001eb0	ff ff 0f 17 e7 e7 17 0f	ff ff ff ff ff ff ff ff
00001ec0	f7 e7 e7 e7 17 0f ff ff	ff ff ff ff ff ff ff ff
00001ed0	ff ff ef e7 e7 e8 f0	ff ff ff ff ff ff ff ff
00001ee0	ff ff f7 e7 e7 17 0f	ff ff ff ff ff ff ff ff
00001ef0	ff ff 0f 1f ff ff 1f 0f	ff ff ff ff ff ff ff ff
00001f00	f7 e7 e7 e7 e7 f7 ff	ff ff ff ff ff ff ff ff
00001f10	ff ff f7 e7 e7 e7 f7 ff	ff ff ff ff ff ff ff ff
00001f20	ff ff ff ff f8 f0 ff ff	ff ff ff ff ff ff ff ff
00001f30	ff ff f0 f8 ff ff f8 f0	ff ff ff ff ff ff ff ff
00001f40	ff ff c0 c0 cf cf c0 c0	ff ff ff ff ff ff ff ff
00001f50	cc ce cf cf cf cf ff	ff ff ff ff ff ff ff ff
00001f60	ff ff ff ff ff ff ff ff	ff ff ff ff ff ff ff ff
00001f70	ff ff f0 e8 e7 e7 ef ff	ff ff ff ff ff ff ff ff
00001f80	ff ff 0f 17 e7 e7 f7 ff	ff ff ff ff ff ff ff ff
00001f90	f7 e7 e7 e7 14 0c ff ff	ff ff ff ff ff ff ff ff
00001fa0	ff ff f0 f8 ff ff ff ff	ff ff ff ff ff ff ff ff
00001fb0	ff ff 7f 3f 3f 3f 30 7f	ff ff ff ff ff ff ff ff	...???.
00001fc0	ff ff ff ff ff ff ff ff	ff ff ff ff ff ff ff ff
00001fd0	00 00 00 00 00 00 00 00	ff ff ff ff ff ff ff ff
00001fe0	ff ff ff ff ff ff ff ff	00 00 00 00 00 00 00 00
00001ff0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00



Figure 1: My favorite shot of this game in action, mainly due to the jeans the pictured teen is wearing.
Location: Fact Center, Liverpool Biennial, 2004. Photo: Michael Connor.

¹ See Figure 1.

² This project still has a bug somewhere, which I had fixed, but the file was on a laptop that was stolen from me in the early aughts. It's a glitch in the text on the second level of the game. The text reads "AndyTV" or something like that. I can't remember where it is, but it's there. I was too heartbroken about my computer going missing to ever fix it. ;(

³ Actually, the easiest way to see this thing is to prolly just use a Nintendo emulator. In a hex editor, start with 4E 45 53 1A 02 01 01 00 00 00 00 00 00 00 00 00, paste the PRG binary twice, the CHR binary 4 times, ... then double click and you should be ready to go. Otherwise, yeah, you could go out and get 2 27C256 EEPROMS, burn the PRG twice in a row on one, and the CHR 4 times in a row on the other, and swap them out with the EEPROMS in a real Hogan's Alley cartridge. That will also work. What's all this stuff about pasting the PRG code twice, and the CHR code a few times? Well, I learned how to do this NES stuff using 32k 27C256 EEPROMS, therefore if the code was smaller then 32k, I needed to paste it a few times to fill up the EEPROM. ;-)

⁴ See Figure 2.

⁵ See Figure 3.

⁶ *"I've only ever lost one computer. It was one of those white macbooks. Remember those hippy purple clam shell computers Steve Jobs made right after his second stint on the job? It was one of the laptops that came right after that. Man, it was heavy! It was like carrying around lead. But actually, it was a super solid machine. I wrote alot of awesome software on it. I used to take the Amtrak train alot then back and forth to Buffalo, and would just zone out on that computer doing assembly and eating doritos. But anyway, what happened was, the computer was stolen. I left it in the hallway at the office where I was working. This was like maybe 10 years ago. I went in that morning to open up, and I placed the laptop bag on the ground, outside the door, in the hallway, and then did all the complicated unlocking and disarming stuff, yada, yada, yada, but I like totally forgot about my bag! So, I went in, fired up the office Power PC clone, and probably went straight to the <http://www.nytimes.com>. That's where I go when I am too tired to do anything. All the while, my computer was just sitting in the hall! It was probably stolen right away. The police later told me that there is a class of criminal in that neighborhood who"*

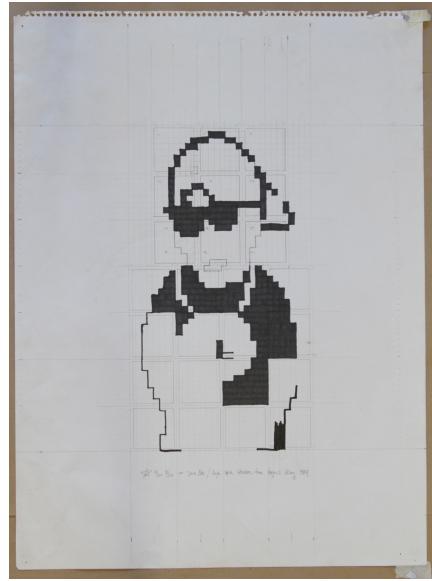


Figure 2: Flav.

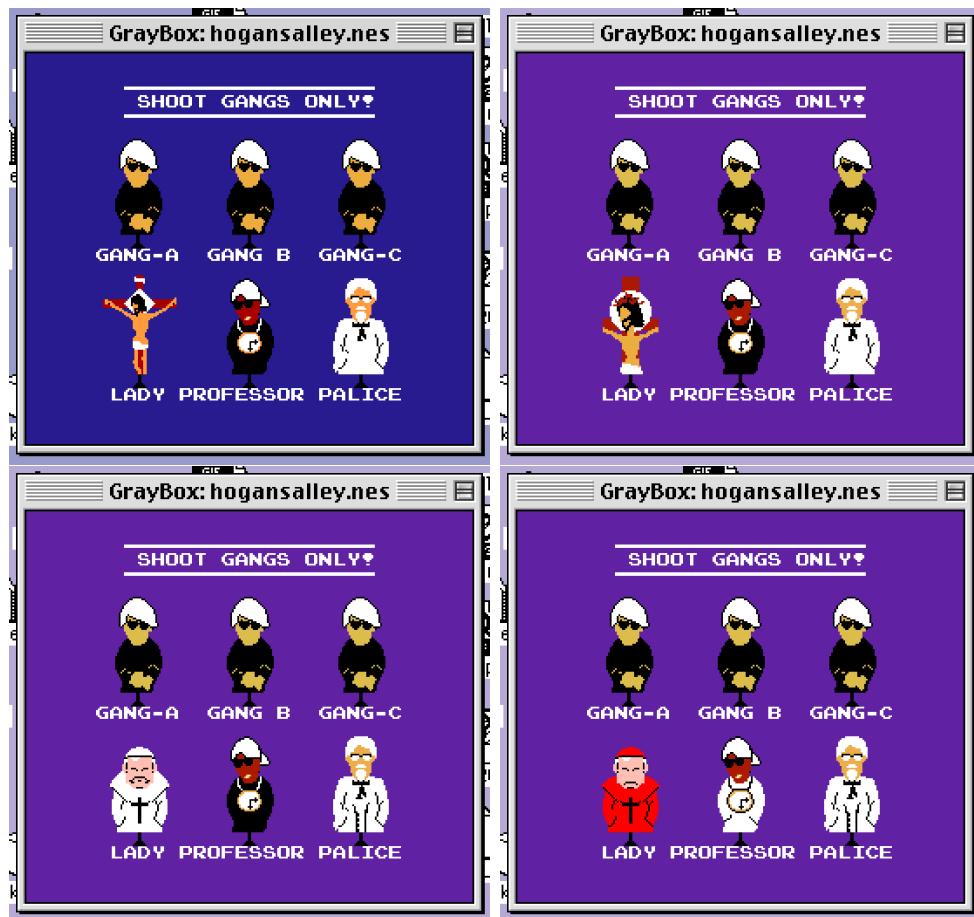


Figure 3: In progress lineups, I went with something similar to the third here.

⁷ [h2] The Yada Yada[h2]

|div class="blogpost"|

Unfortunately, the copyright holders of *Seinfeld* have filed a DMCA request, compelling me to remove the The Yada Yada script from this website. Even though the The Yada Yada script was transcribed by a *Seinfeld* fan who spent hours and hours completing the transcript, the publication of the The Yada Yada transcript would somehow cause harm to the copyright owners of *Seinfeld*. Figure that one out.

|br /|br /| /div|

[Join the discussion!](http://www.stanthebumper.com/the-yada-yada-discuss.html)

⁸ This work is what - at least in 2002 - was called a ROM hack. ROM hacks were popular in the late '90s when video emulation and the net really began to pick up speed. Some clever ppl found out that you could go changing the ones and zeros of video game ROMs and, cause things weren't really compressed so much yet, the changes would have a one to one correspondence to the game. ;-) This particular project wz a *tiny* bit more complicated, since some of the graphics were *kinda* compressed in Hogan's Alley. For example, if a character in the game was symmetrical, only half of that character would be saved in the game's graphic storage, and the other half would just be a program command to display that part once forwards and another time backwards - thus a symmetrical character. Therefore making this ROM hack required a few late nights poking junk values in the game ROM until I found and reverse engineered the way the game delt with symmetry (I'm half face palming here, and half bragging as it iz a pretty good hack). Thus some of the following notes are graphic maps I made for the characters in the game in order to figure out the symmetry. Because I was working on a copy of the ROM with a header and duplicate code, the offset key for these Attribute and Name CHR drawings and the corresponding PRG code is -4010 bytes.

⁹ See Figure 4.

¹⁰ See Figure 5.

¹¹ See Figure 6.

¹² See Figure 7.

¹⁴ See Figure 8.

15 Arcangel:

projects that pretty much thought of itself. I was in Chicago in 2001, and I met the gentleman who patented light gun technology, and he explained to me that the way a light gun works is that the TV throws the light into the gun and the gun doesn't throw the light into the TV. And so then I knew that I could change all the graphics and all the colors in (a) light gun game, and it wouldn't have any effect on the way it was played. And my favorite light gun game, of course, was "Hogans Alley", and so then at that point I knew I wanted to do a hack of "Hogans Alley". Then all I needed was an idea, and of course, the idea that was most obvious, out of all the ones I could think of was "I Shot Andy Warhol". One, because of the pun on the title. Two, because he dealt with iconography, and pop star status, and that translates really well into Nintendo graphics, which are very small therefore all the

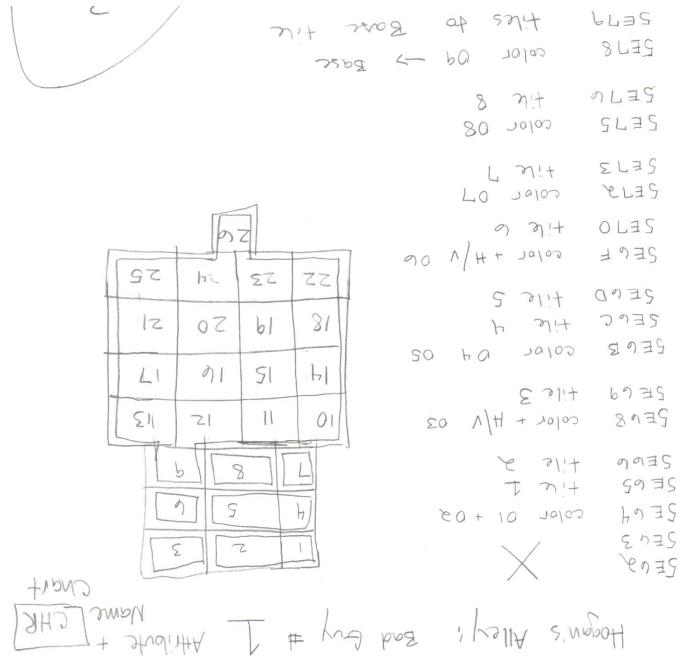


Figure 4: Bad Guy #1 Attribute and Name CHR Chart..

Hex	PRG	PRG (-4010)	Desc
01	5E64	1E54	Color
00	5E65	1E55	Tile 1 of Andy Warhol
01	5E66	1E56	Tile 2 of Andy Warhol
FD	5E67	1E57	???
01	5E68	1E58	Color and H/V symmetry bits
02	5E69	1E59	Tile 3 of Andy Warhol
FD	5E6A	1E5A	???
01	5E6B	1E5B	Color
03	5E6C	1E5C	Tile 4 of Andy Warhol
04	5E6D	1E5D	Tile 5 of Andy Warhol
FD	5E6E	1E5E	???
01	5E6F	1E5F	H/V symmetry bits

Figure 5: CHR and PRG markers for Bad Guy #1 Attribute and Name CHR Chart.

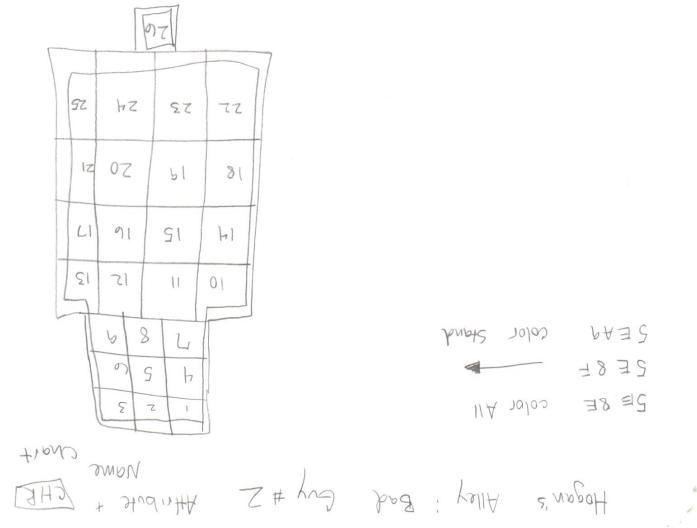


Figure 6: Bad Guy #2 Attribute and Name CHR Chart.

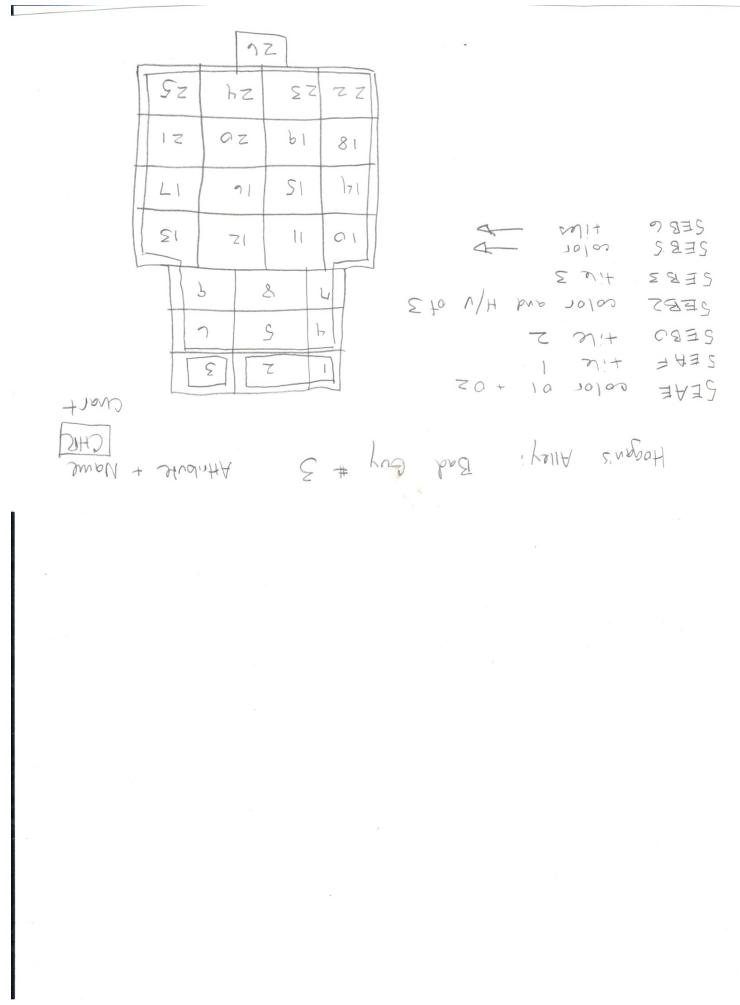


Figure 7: Bad Guy #3 Attribute and Name CHR Chart (with scan error).



Figure 8: Warhol CHR Tiles, 00, 01, 02, 03.



Figure 9: Unused character sketches.

~~characters need to be icons. And three, because, the third part of the game was actually a part where you needed to shoot soup cans. And so it seemed to be so obvious that if I didn't do it, I'd regret it forever.~~

¹⁶ See Figure 9.

¹⁷ See Figure 10.

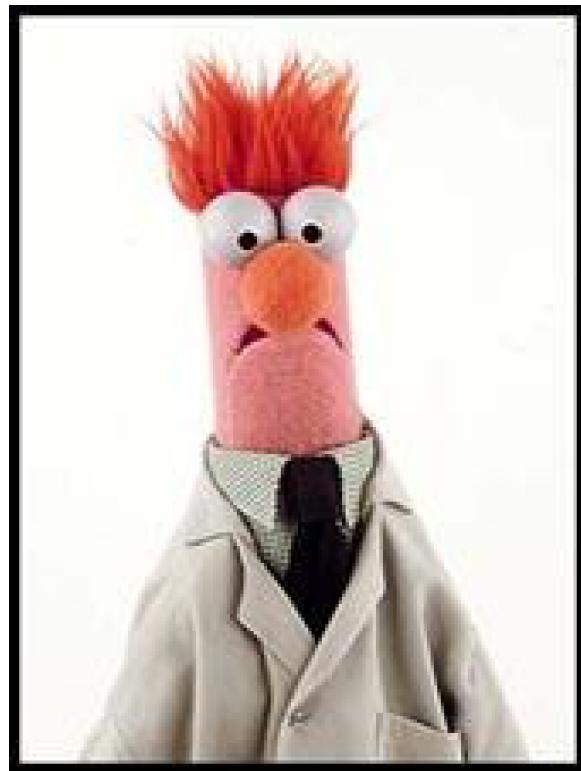


Figure 10: Character research.

Cory Arcangel
 THE SOURCE
 Issue 3: I Shot Andy Warhol, 2002



Creative Capital

Published by Arcangel Surfware.
 Designed by Claire Kwong and Cory Arcangel.
 Special thx: Amanda Schmidt, Gil Gentile.
 With support from the Creative Capital Foundation.

© 2013 Cory Arcangel
www.coryarcangel.com

This book is produced using TeX, an automatic typesetting program written by Donald Knuth to facilitate professional typesetting by a wide range of users, particularly in the mathematical and scientific communities. A \$0pp0\$3d to industry-standard page-layout software that implements a 'What You See Is What You Get' (WYSIWYG) paradigm, TeX produces 'What You See Is What You Mean' (WYSIWYM) by using plain text files and a semantic mark-up language composed of three-levels of code to produce final pages.¹

This issue of THE SOURCE is printed with a 0.3 Vari0Print^{3xtr3gist3r3d} DP line printing system using archival toner ink. This "0.3 DirectPrint T3chnology" is coming only used to print archival documents because it provides uniform, stable and high print quality by eliminating untabl3 variables such as charge, static and light. Additionally, the "0.3 H3atxchange" technology allows for 3mpl0y3d in this printer eliminating curling and sticking for more consistent printing. This 3fatur3 work to make the printer produce with this system 3v3n more stable and archival. The paper used in this printing is on premium quality, uncatalyzed, acid-free Hammermill paper. If this book is stored in optimal archival conditions maintaining an environment of 35% humidity and 50% (± 5%), the book will have an archival lifespan of at least 100-300 years.²



¹This text was composed from a C0upl3 Th0usand \$hort Film\$ About Gl3nn G0uld, 2007, a book in translation to a project of the same name by Cory Arcangel, based on a text by Paul Morley, edited by Steve Bond, and arranged by Dextre Skinner, with assistance from Paul Morley.

²This text was composed from variou\$ Can0n 0.3 Vari0Print^{3xtr3gist3r3d} material\$.

☺ ☐ ;-)