

like a version with the names of your family. Or play against your best friends or trounce your worst enemies.

This change is as easy to make as entering your own name. Working with ASCII codes for the letters of whatever names you want, enter name #1 at 09E4; name #2 at 09EB; and name #3 at 09F2. In each case you have six spaces for each name. If you want to insert cross hatch marks as in the version supplied on tape, these may be programmed by inserting ASCII 40's. Spaces are ASCII 20's. The seventh byte in the string, or the byte immediately following the name must be a 00 null character. The program prints characters until it reaches a 00 null. *

Mickey, Donald and Goofy would fit, for instance, as no name is more than six characters long. Most punctuation is available in the character set and all the numbers, but some symbols were replaced by subroutines not having anywhere else to go. Experimenting will tell you which symbols are no longer there, though if you have a copy of the Character Designer program from Pips for Vips, the character set may be examined in full more easily. (It is located at 0C00-0DFF and will have to be relocated to 0600-07FF to view with the character designer operating in mode two.)

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* Please see instructions for CHIP-8 Messenger in PIPS For VIPs I by the author for further instructions on displaying text in CHIP-8. (PIPS I available from ARES00)