

described in Section 5 to punch some nulls (15 is usually enough) at the end of each line.

SAVE "EXAMPLE".
SAVE IN HEX AS "EXAMPLE".
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Of course, a HEX file which has been SAVED can be LOADED using a similar syntax:

LOAD "EXAMPLE".
LOAD THE FILE "EXAMPLE".

This allows users with the Intel 8080 program to load programs easily. One program is designed, it is saved as HEX format, read into memory using the program, and then loaded into ROM in the correct manner. The HEX file created by SAVE contains an image of the current program relocated to location 0, and should be read with an appropriate offset. In both cases and HEX-II versions, KIM-1 will save or load the program in a relocatable and addressable ASCII representation, as KIM-1 does. The specified filename is followed by a space.

SAVE "EXAMPLE".
SAVE IN ASCII AS "EXAMPLE".
Loading a .BAS file is much simpler than loading a .HEX file, no program should generally be saved in internal. The format of the ASCII version is indicated.

In CPU versions, the filename can be specified by any string, either quoted or unquoted. The string may consist of an optional disk name, such as A: or B:, followed by one to eight letters or digits. Lower case characters are converted to upper case within the filename, and the currently logged disk is assumed if no disk name is given. For example, if the value of B is "F00000",

LOAD B:
SAVE "B:EXAMPLE"
SAVE TO DISK B: UNDER CPU.

In CPU versions, another form of LOAD allows you to load a program and execute it immediately, without typing RUN. For example,

LOAD "TEST".

will load TEST.XIB and RUN it. Similarly,

LOAD "TEST/2", A, B

will load TEST/2.XIB and RUN it. With this enhanced form of LOAD you can load a KIM-1 program during execution of another program, and RUN it immediately without typing anything on your console. In this way you can build chains of KIM-1 programs which run without user intervention.

If a CPU or IBM-II version of KIM-1 cannot SAVE or LOAD your program successfully (because of a full disk, for example), a "KIM-1 error" message will be printed. Since KIM-1 takes some time to process a request, the first time you specify the name of a program to load, the first few lines of the program will be loaded before the next time you use the LOAD command. Characters of some lines might be lost unless you use the FULL command.