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CTSS BULLETIN #30

New Command for Loading Absolute Programs

1. The command: LDABS ALPHA will load the file ALPHA ABS which must contain absolute column binary card images (e.g., those produced by FAP when the ABS pseudo operation is used). When the command program is first brought into core the memory bound is set to 77777, the absolute program loaded and, at the completion of loading the memory bound is set to the appropriate value as determined by the highest core location loaded. The command program lies in the upper 1271<sub>8</sub> core locations and loads into the lower portion of core up to and including location 77503<sub>8</sub>. Loading terminates when a transfer card is detected. After the absolute program has been loaded the program can be started at the location indicated in the transfer card by typing the START command.

This command can be used for loading absolute programs which were assembled by FAP either in the foreground or background system.

2. Error Conditions:

- a) If a check sum error occurs the comment: CHECK SUM ERROR IN CARD XXXXX is printed, where XXXXX is the location in which the first word on the card is to be stored. After this comment is printed the card is ignored and loading continues.
- b) If an attempt is made to store in a location greater than 77503<sub>8</sub> the comment: CARD YYYYY OVER BOUND is printed, the card ignored, and loading continued.
- c) If a transfer card is missing, i.e., an end of file is reached, the comment: TRANSFER CARD MISSING, TYPE OCTAL STARTING LOCATION. is printed. The last five characters typed are converted to an octal location and the transfer location for starting is set up.

3. This is the command which was formerly CTEST3.