

RECOMP II USERS' PROGRAM NO. 1078

PROGRAM TITLE: RELOCATION MATRIX MAKER
PROGRAM CLASSIFICATION: Utility Routine
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PURPOSE: To assist the programmer in preparing
the relocation matrix required by AN-004.
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PROGRAM TITLE: RELOCATION MATRIX MAKER

1. PURPOSE

1.1 To assist the programmer in preparing the relocation matrix required by AN-004.

2. METHOD

2.1 In response to three-character type-ins, the computer places in successive memory locations, starting with 4000, the words of the relocation matrix.

3. MEMORY USED

3.1 The routine uses locations 0000 to 0071 and 6777 to 7057.

4. OPERATING PROCEDURE

4.1 Prepare in advance a list of all locations in the routine to be relocated, showing for each location.

4.1.1 Whether the word at that location is + or -.

4.1.2 Whether or not the left-hand half word at that location has to be modified. (If yes, show +, if not, -.)

4.1.3 The same information regarding the right-hand half word.

4.2 Load the Relocation Matrix Maker tape, locate at 7000.0 and press the Start button.

4.3 The carriage returns. Type in the three digit set of pluses and minuses describing the first word.

4.4 The computer types out the address where the word is to be stored and the matrix word itself.

4.4.1 If the word is correct, press the carriage return key. The matrix word is stored at the indicated address and the computer is ready for the next three digit plus and minus typein.

4.4.2 If the word is not correct, press the space bar (or any other typewriter key except the tab or the carriage return). The carriage will return and the computer is ready to accept a correct typein.

5. FORMAT AND EXAMPLE

- 5.1 If, for example, the third word in the routine is a negative constant of which the right-hand half is to be modified, the typein would be "--+" and the result on the typewriter would be:

 --+
 4002 -0000000-0000001

6. ERROR INDICATION

- 6.1 If during typein of the three-digit plus-and-minus instruction to the computer, any key but the plus or minus key is pressed, the typewriter types "ERROR" and the carriage returns. The computer is now ready to accept a correct typein.