

AIM:

To compute rotation of given data in right without carry using 8085 processor.

ALGORITHM:

- 1) Load the base address of the array in HL register pair.
- 2) Move the data from memory location into accumulator.
- 3) Shift right the accumulator content for four times left.
- 4) Store the result in the specified location.

PROGRAM:

MVI A,03

RRC

RRC

RRC

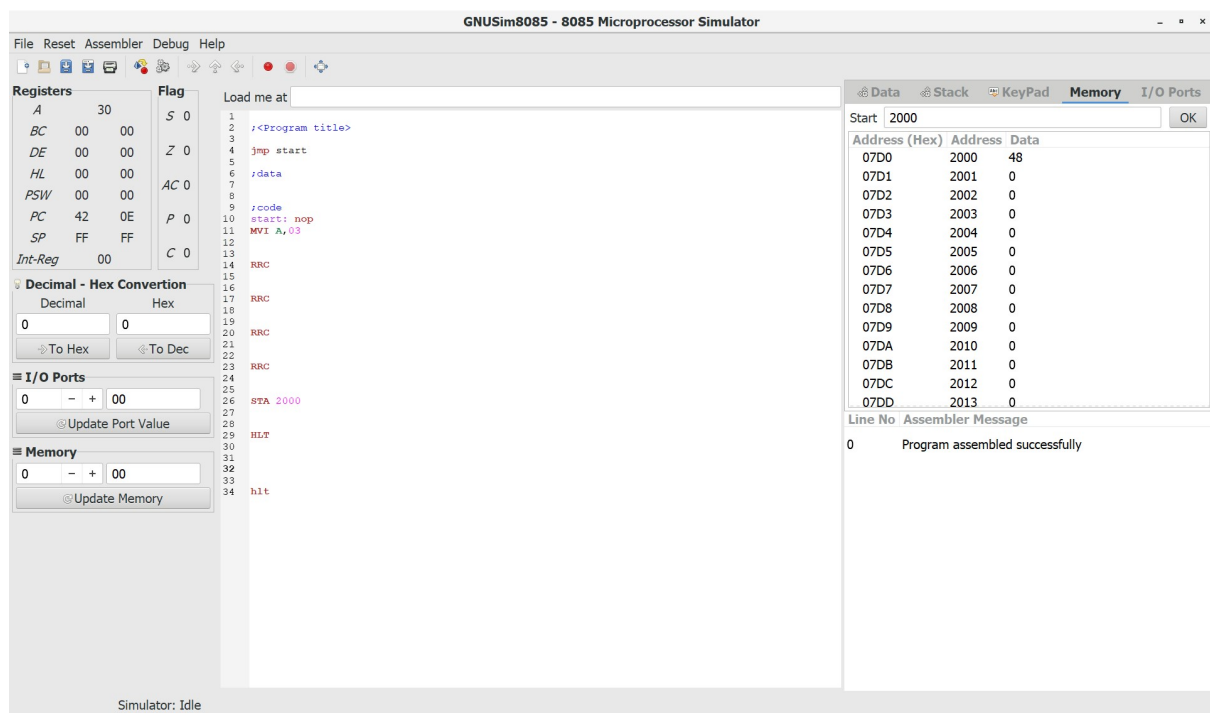
RRC

STA 2000

HLT

INPUT:

OUTPUT:



RESULT:

Thus the program was executed successfully using 8085 processor simulator.