

ROTATE RIGHT OPERATION

EXP NO: 19

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:

LDA 2000

RRC

RRC

RRC

RRC

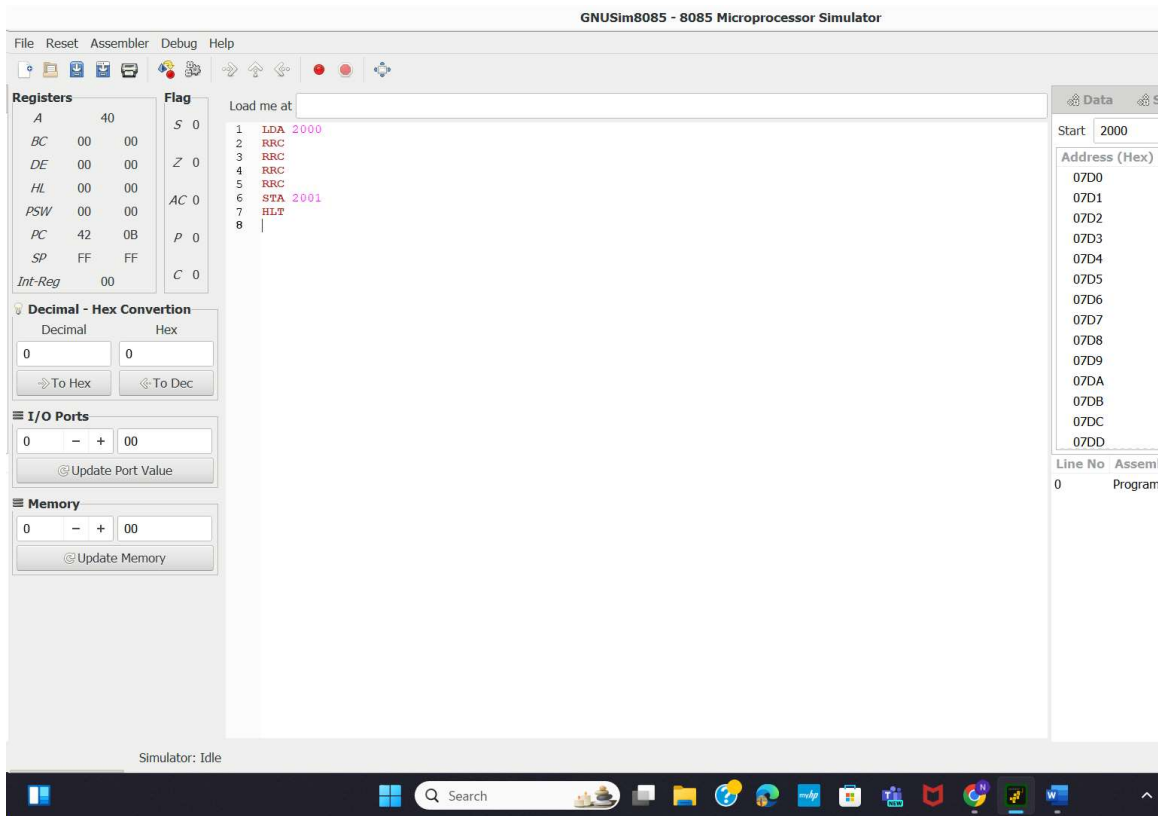
STA 2001

HLT

INPUT:

Address (Hex)	Address	Data
07D0	2000	4
07D1	2001	64

OUTPUT:



RESULT: Thus the program was executed successfully using 8085 processor simulator.