

**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:**

MVI A,03

RRC

RRC

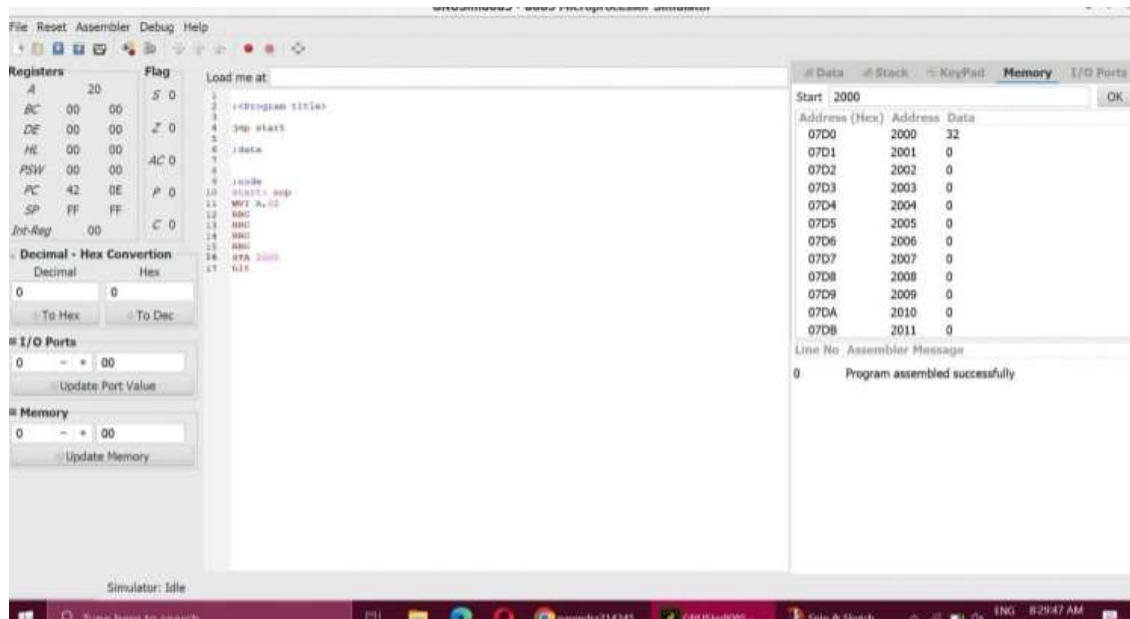
RRC

RRC

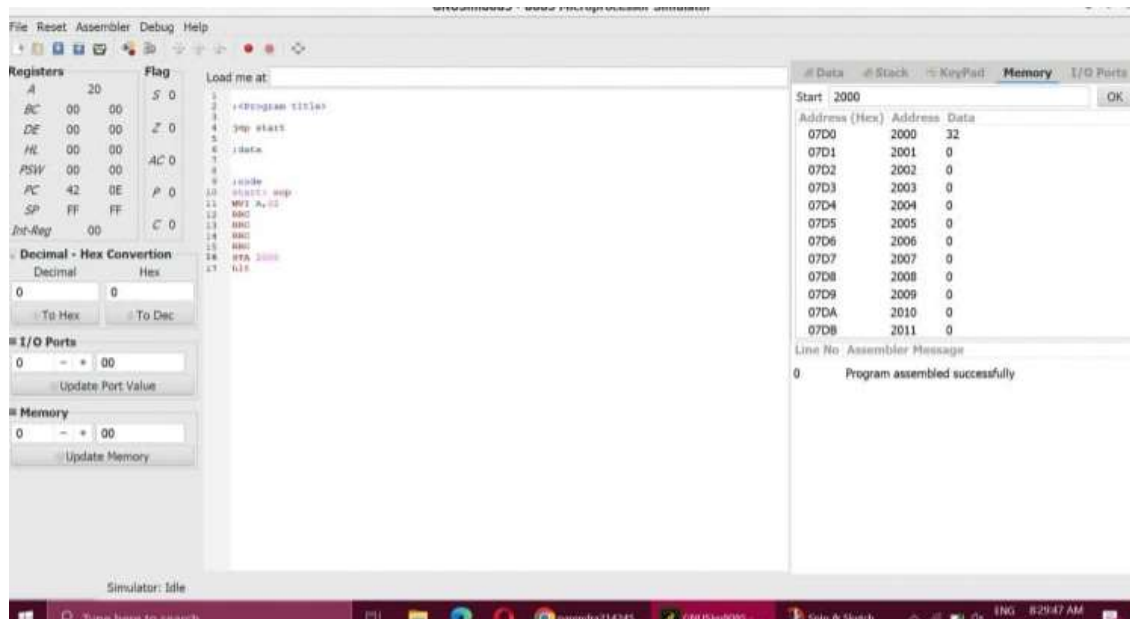
STA 2000

HLT

**INPUT:**



OUTPUT:



## RESULT:

Thus the program was executed successfully using 8085 processor simulator.