

ROTATE LEFT OPERATION

EXP NO: 18

AIM:

To compute rotation of given data in left 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 left the accumulator content for four times.
- 4) Store the result in the specified location.

PROGRAM:

MVI
A,02

RLC

RLC

RLC

RLC

STA
2000

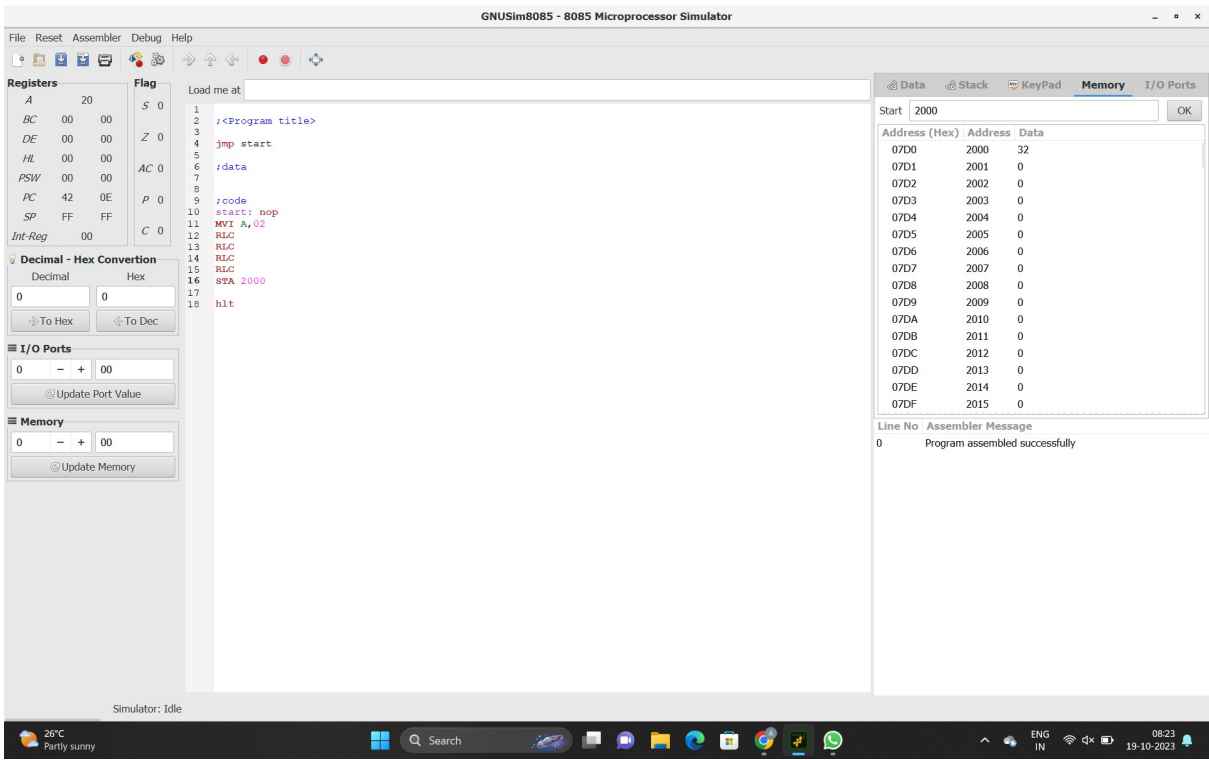
HLT

INPUT:

07D0

2000

OUTPUT:



RESULT:

Thus the program was executed successfully using an 8085 processor simulator.