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.
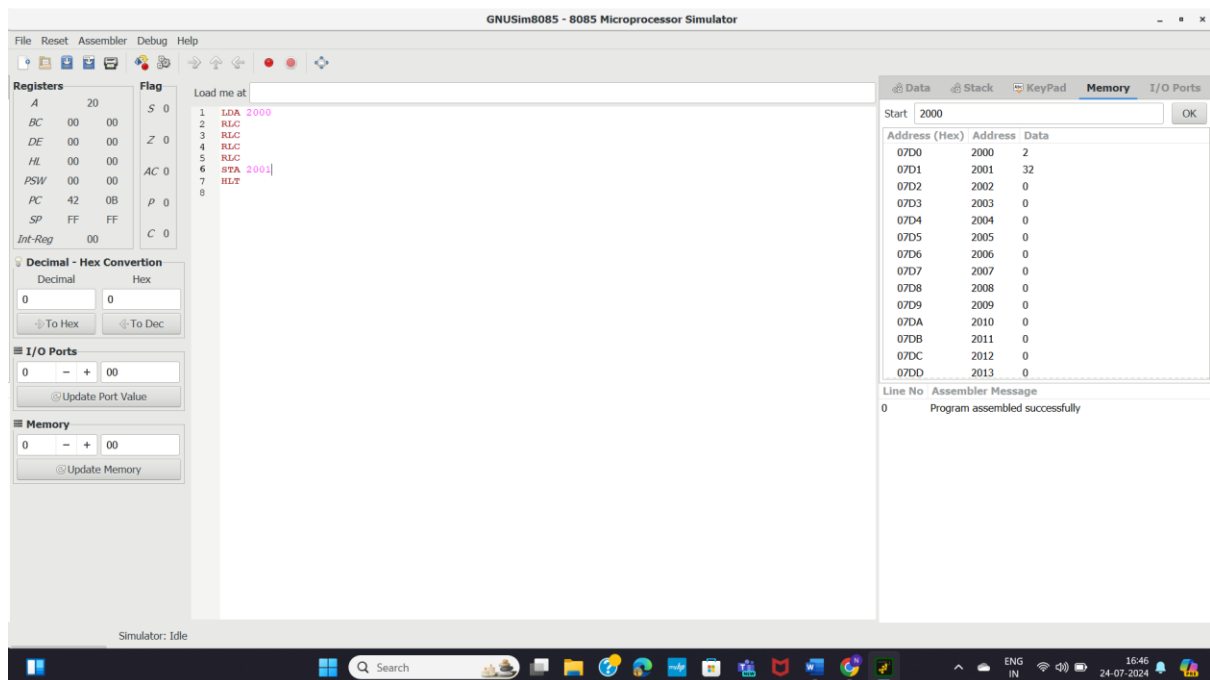
PROGRAM:

LDA 2000

RLC

RLC

RLC

RLC

STA 2001

HLT

INPUT:

Address (Hex)	Address	Data
07D0	2000	2
07D1	2001	32

OUTPUT:

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