ONEs AND TWOs COMPLEMENT
EXP NO: 17
AIM: To compute one's and two's complement using 8085 processor.

ALGORITHM:
1)   Load the base address of the array in a register pair.
2)   Move the data from memory location into accumulator.
3)   Convert all ones into zeros and zeros into ones.
4)   Add 01 to the accumulator content.
5)   Store the results of one's and two's complement.
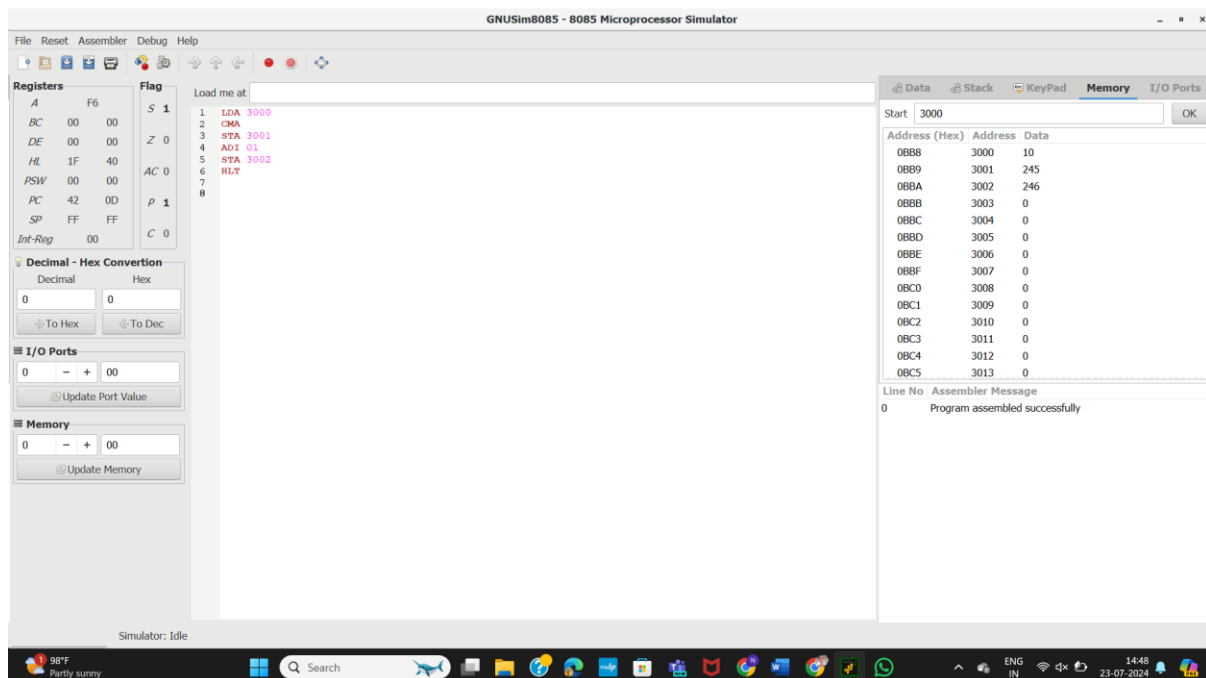
PROGRAM:
LDA 3000
CMA
STA 3001
ADI 01
STA 3002
HLT

INPUT :

Address (Hex)	Address	Data
0BB8	3000	10

OUTPUT

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