AIM: To compute swapping of numbers using 8085 processor.
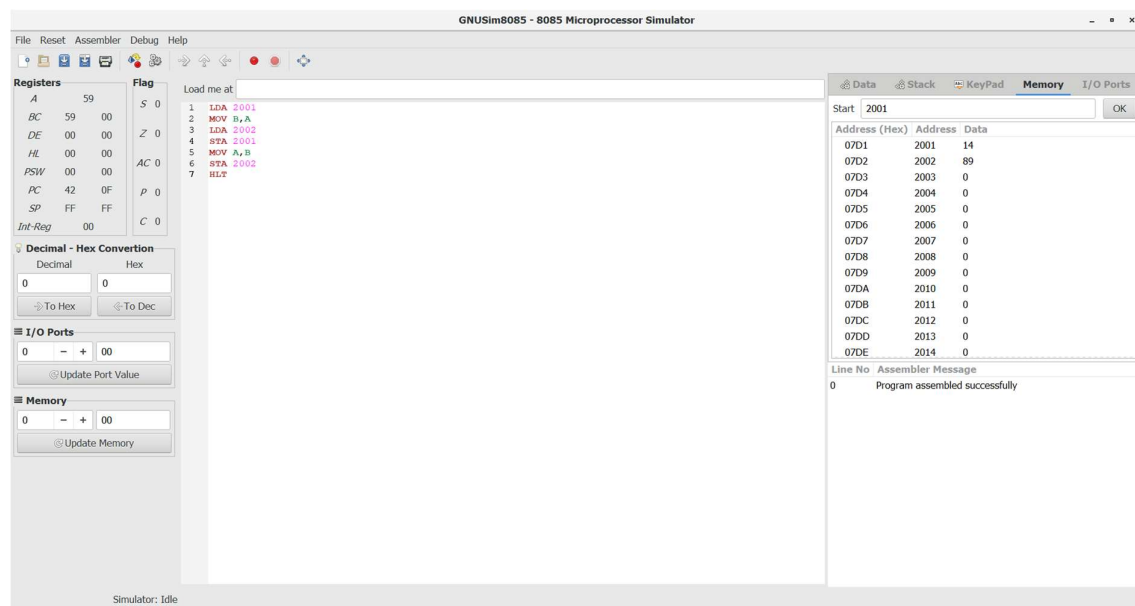
ALGORITHM:
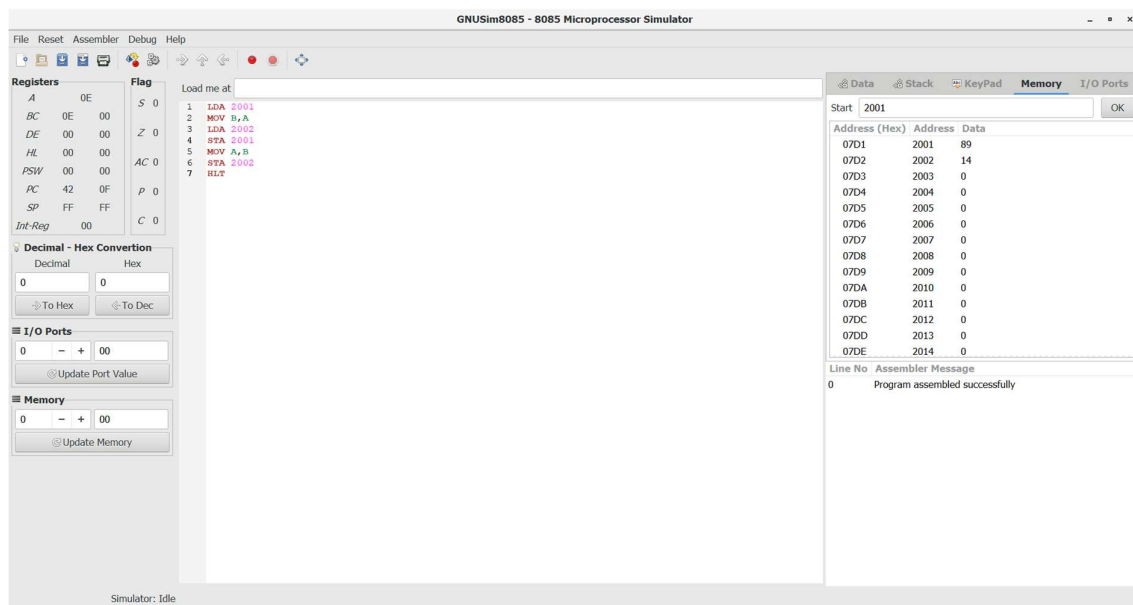
1) Load a 8-bit number from memory location into accumulator.
2) Move value of accumulator into register H.
3) Load a 8-bit number from next memory location into accumulator.
4) Move value of accumulator into register D.
5) Exchange both the registers pairs.
6) Halt

PROGRAM:

LDA 2001

MOV B,A

LDA 2002

STA 2001

MOV A,B

STA 2002

HLT

INPUT & OUTPUT

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