25. Write an assembly language program to swap two 8-bit data using 8085 processor.

AIM:

To perform swap of two 8 bit numbers using 8085 processor.
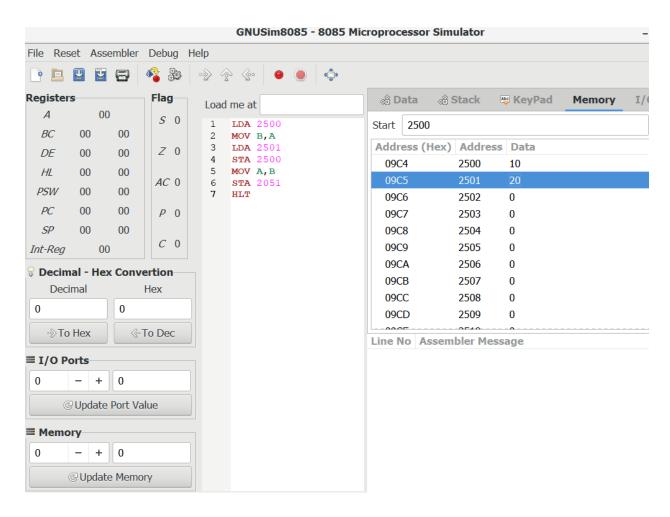
PROGRAM:

LDA 2500
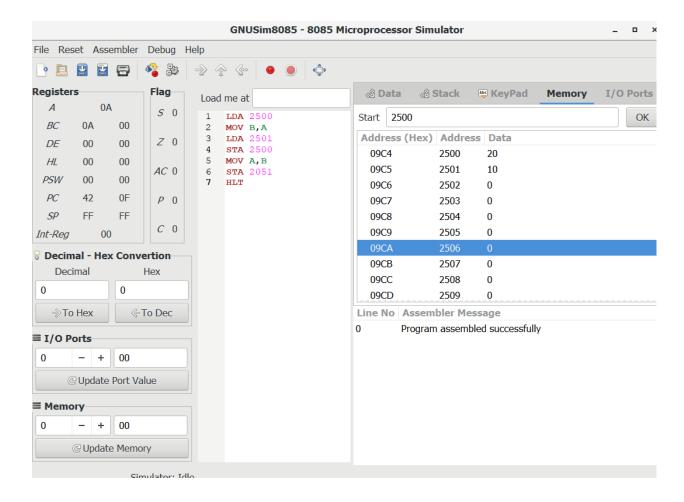MOV B,A
LDA 2501
STA 2500
MOV A,B
STA 2051
HLT

OBSERVATION:

  INPUT: 20(2500)

    10(2501)

  OUTPUT:10(2500)

    120(2501)

RESULT:

Thus the program for swapping of two 8 bit numbers was successfully executed.