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

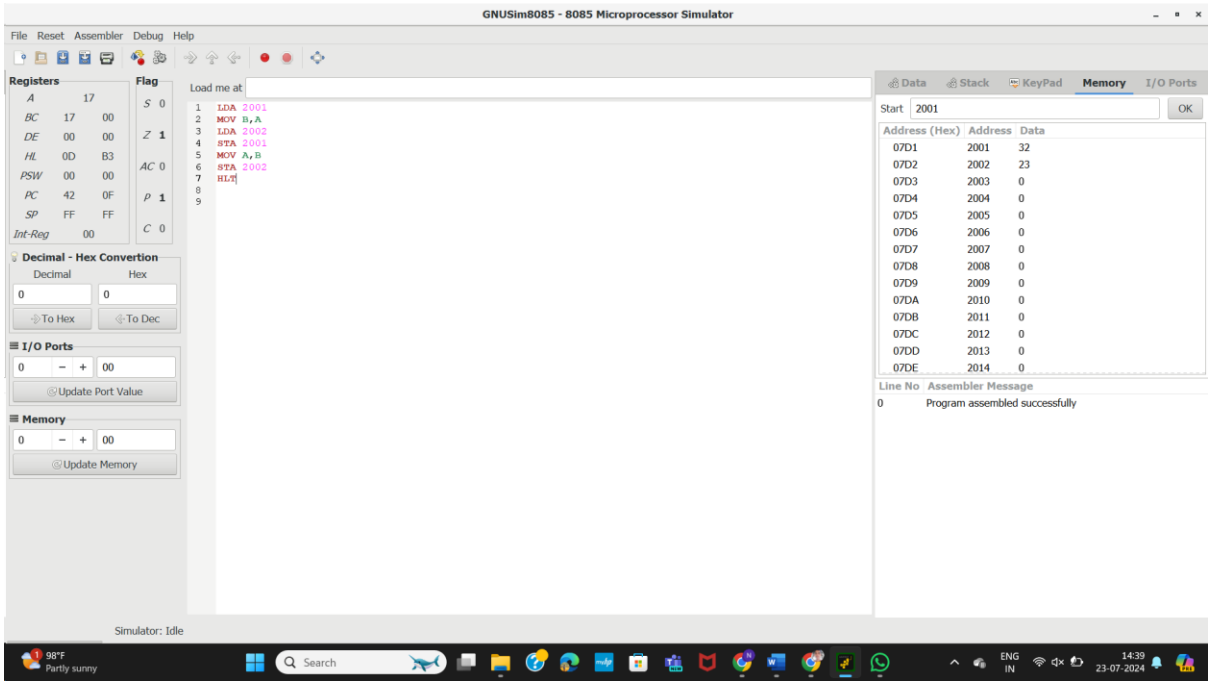
PROGRAM:

```
LDA 2001
MOV B,A
LDA 2002
STA 2001
MOV A,B
STA 2002
HLT
```

INPUT :

Address (Hex)	Address	Data
07D1	2001	23
07D2	2002	32

OUTPUT:



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