SWAPPING OF NUMBERS



AIM:

To compute swapping of numbers using 8085 processor.

ALGORITHM:

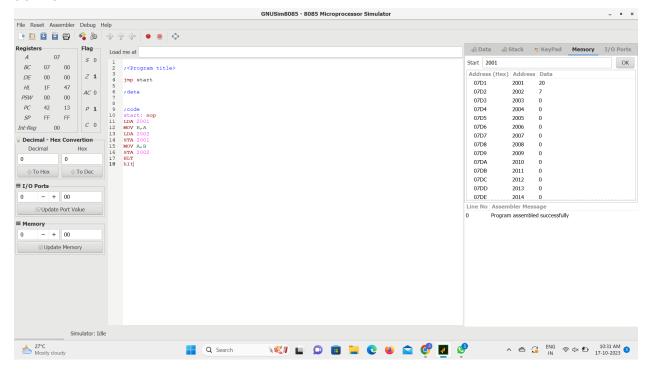
- Load a 8-bit number from memory location into accumulator.
- 2) Move value of accumulator into register H.
- Load a 8-bit number from next memory location into accumulator.

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	20
07D2	2002	7

OUTPUT:



RESULT: Thus

the program was executed successfully using 8085 processor simulator.