EXP NO: 10

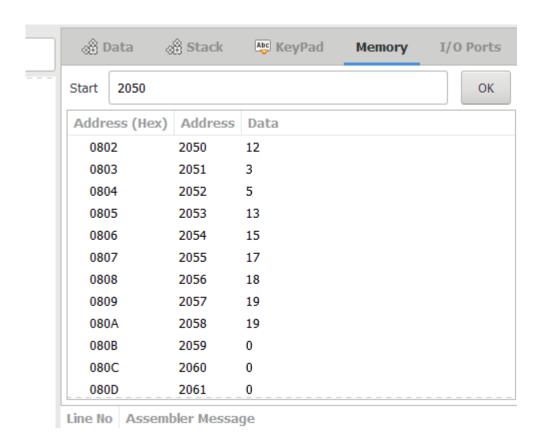
AIM: To find the largest number from an array using 8085 processor.		
ALGOR	RITHM:	
1) pair.	Load the address of the first element of the array in HL	
2)	Move the count to B register.	
3)	Increment the pointer.	
4)	Get the first data in A register.	
5)	Decrement the count.	
6)	Increment the pointer.	
7) of A re	Compare the content of memory addressed by HL pair with that gister.	
8)	If carry=0, go to step 10 or if carry=1 go to step 9	
9)	Move the content of memory addressed by HL to A register.	

LXI H,2050	
MOV C,M	
DCR C	
INX H	
MOV A,M	
LOOP1: INX H	
CMP M	
JNC LOOP	
MOV A,M	
LOOP: DCR C	
JNZ LOOP1	
STA 2058	
HLT	

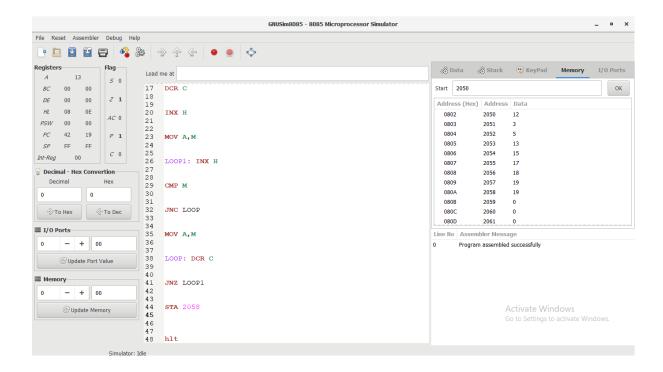
10) Decrement the count.

PROGRAM:

INPUT:



OUTPUT:



RESULT: Thus

the program was executed successfully using 8086 processor simulator.