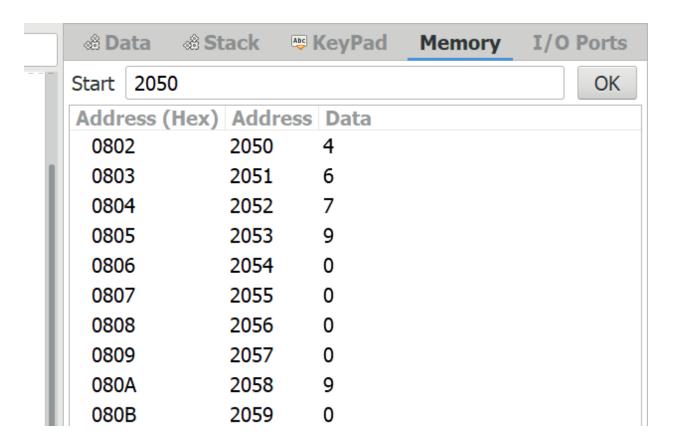
LARGEST NUMBER IN AN ARRAY

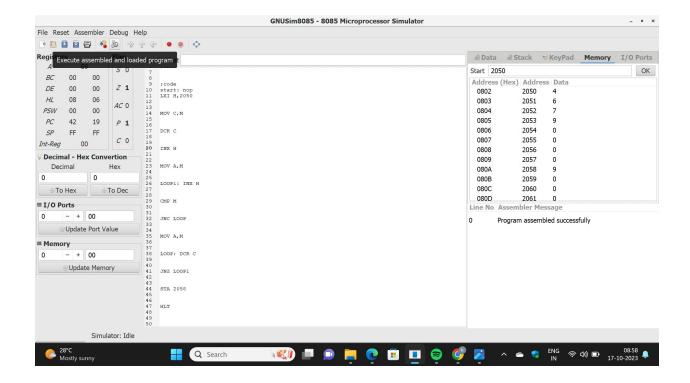
EXP No	D: 10		
AIM: To find the largest number from an array using 8085 processor.			
ALGORITHM:			
1) pair.	Load the address of the first element of the array in HL		
2)	Move the count to B register.		
3)	Increment the pointer.		
4)	Get the first data in A register.		
5)	Decrement the count.		

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.
10) De	ecrement the count.
PROGRAM:	
LXI H,2050	
MOV C,M	
DCR C	
INX H	
MOV A	.,М
L00P1	: INX H
CMP M	1

JNC LOOP
MOV A,M
LOOP: DCR C
JNZ LOOP1
STA 2058
HLT
INPUT:



OUTPUT:



RESULT: Thus

the program was executed successfully using 8086 processor simulator.