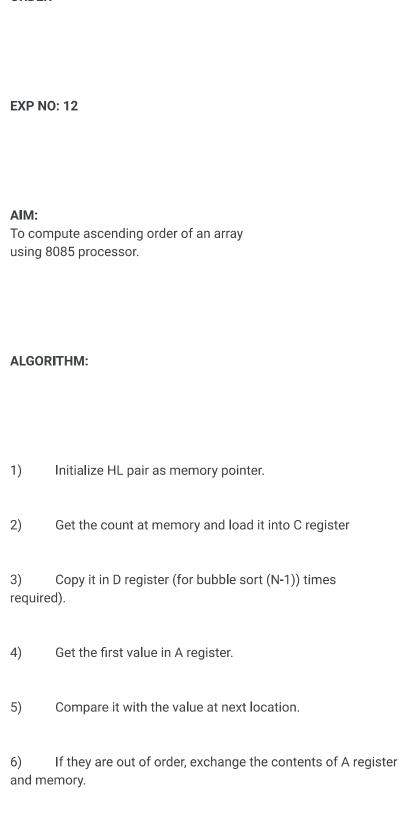
AS	CE	:N	DI	N	G
OR	DF	R			

7)

Decrement D register content by 1

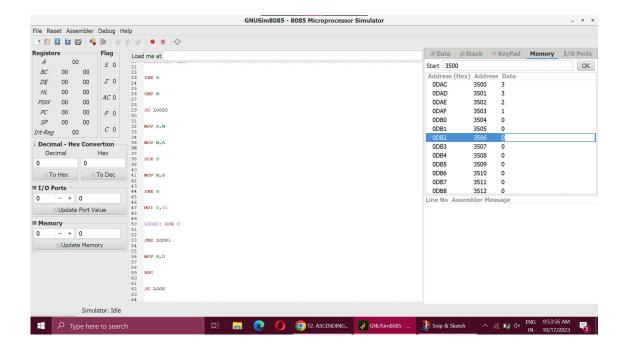


8)	Repeat step 5 and 7 till the value in D register become zero.			
9)	Decrement the C register content by 1.			
10) Repeat steps 3 to 9 till the value in C register becomes zero.				
PROGR	AM:			
LOOP: I	LXI H,3500			
MVI D,0	00			
MVI C,0	05			
LOOP1	: MOV A,M			
INX H				
CMP M				
JC LOC	PP2			
MOV B	М			
MOV M	I,A			
DCX H				

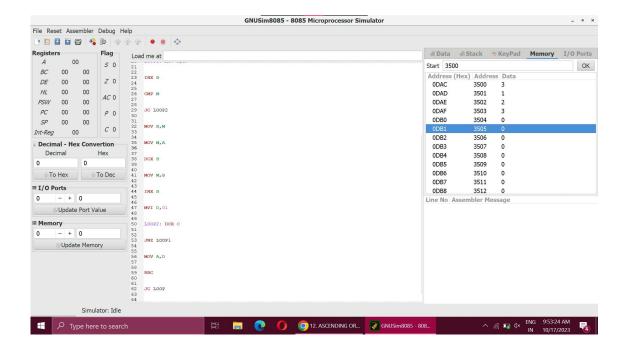
INX H	
MVI D,01	
LOOP2: DCR C	
JNZ LOOP1	
MOV A,D	
RRC	
JC LOOP	
HLT	

MOV M,B

INPUT:



## **OUTPUT:**



## **RESULT:** Thus

the program was executed successfully using 8085 processor simulator.