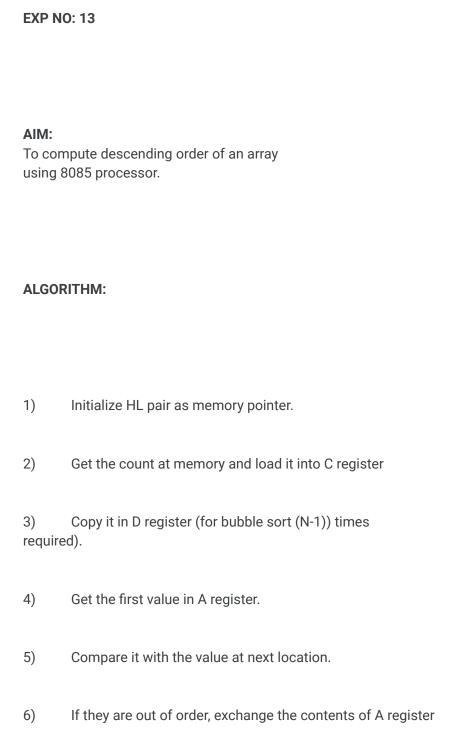
## DESCENDING ORDER



and memory.			
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) Re zero.	peat steps 3 to 9 till the value in C register becomes		
PROGR	AM:		
LOOP: I	_XI H,3500		
MVI D,0	00		
MVI C,0	05		
L00P1:	MOV A,M		
INX H			
CMP M			

JNC LOOP2

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

HLT

## INPUT:

® Data ® St	ack 💝 I	KeyPau Memory	1/O Ports
Start 3500			OK
Address (Hex)	Address	Data	
0DAC	3500	15	
0DAD	3501	10	
0DAE	3502	5	
0DAF	3503	3	
0DB0	3504	2	
0DB1	3505	0	

OUTPUT:

## **RESULT:** Thus

the program was executed successfully using 8085 processor simulator.