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) Compare the content of memory addressed by HL pair with that of A register.					
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) Decrement the count.					
PROGRAM:					
LXI H,2050					
MOV C,M					

AIM:

INX H

MOV A,M

LOOP1: INX H

CMP M

JNC LOOP

LOOP: DCR C

JNZ LOOP1

STA 2058

HLT

	Start	2050		
	Addr	ess (Hex)	Address	Data
	0802 0803		2050	11
			2051	6
	080	4	2052	89
	080	5	2053	12
	0806 0807		2054	33
			2055	77
	080	8	2056	66
INPUT:	080	9	2057	2

OUTPUT:

