SORTING THE NUMBERS IN DESCENDING ORDER.

Execution

Enter the operation code value in the memory location and enter the input value in a separate memory location.

Then reset key's pressed, use Go function and give the starting address of the program 0400 and then execute and RESET.

Then display the result.

PROGRAM:

1

ADDRESS	OPCODE	LABEL	MNEMONCS
33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	BE 00 07 8B 1C 4B 8B 0C 49 BE 02 07 8A 04 46 3A 04 77 06	LABEL L3:	MOV SI, 0700H MOV BX, [SI] DEC BX MOV CX, [SI] DEC CX MOV SI, 0702H MOV AL. [SI] INC SI CMP AL, [SI]
149. 139.	86 04		JNBE L1 XCHG AL,[SI]

