**EXPERIMENT N0-4**

AIM: Write an ALP to find largest number from a set of numbers.

**CODE:**

DATA SEGMENT

MSG1 DB 0dh,0ah,"Enter your 10 numbers: $"

MSG2 DB 0dh,0ah,"The Largest number is: $"

DATA ENDS

CODE SEGMENT

ASSUME CS: CODE, DS:DATA

START: MOV AX, DATA

MOV DS, AX

MOV SI, 6000H

MOV [SI], 0H

MOV CL, 0AH

S:MOV DX, OFFSET MSG1

MOV AH, 09H

INT 21H

S1:MOV AH, 01H

INT 21H

CMP AL, BYTE PTR [SI]

JGE S2

S4:DEC CL

CMP CL, 00H

JNZ S

JMP S3

S2:MOV [SI], AL

JMP S4

S3: MOV DX, OFFSET MSG2

MOV AH, 09H

INT 21H

MOV BX,[SI]

MOV DX, BX

MOV AH, 02H

INT 21H

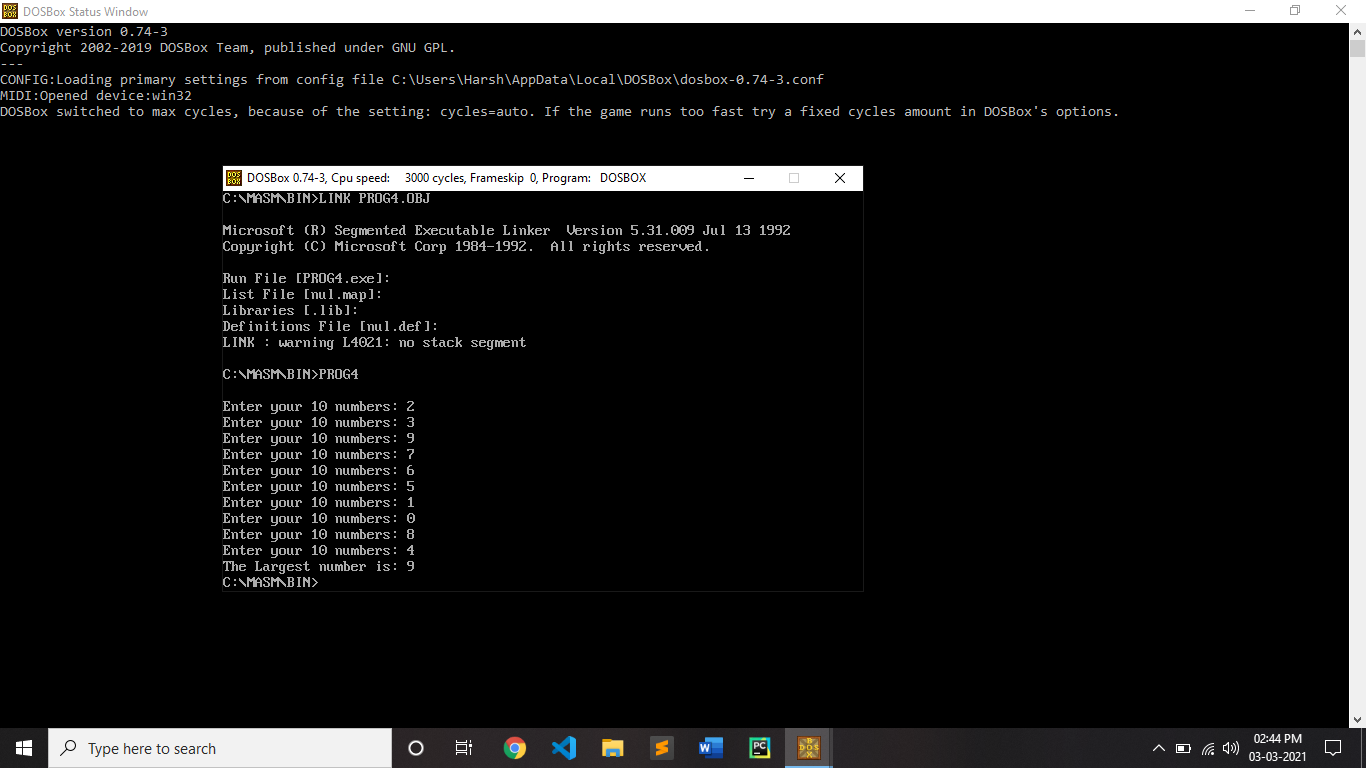
MOV AH, 4CH

INT 21H

CODE ENDS

END START

**OUTPUT:**

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