Task : Program to check the input number is Negative or Positive

Code:

```
DOSSEG
.MODEL SMALL
.STACK 100H
.DATA
NUM DB 10 DUP('$')
MSG1 DB 'NO. IS NEGATIVE$'
MSG2 DB 'NO. IS POSITIVE$'
.CODE
MAIN PROC
MOV AX,@DATA
MOV DS,AX
MOV SI,OFFSET NUM
L1:
MOV AH,1
INT 21H
CMP AL,13
JE L2
MOV [SI],AL
INC SI
JMP L1
L2:
CMP NUM,'-'
```

```
JE L3
MOV DX,OFFSET MSG2
MOV AH,9
INT 21H
MOV AH,4CH
INT 21H
L3:
MOV DX, OFFSET MSG1
MOV AH,9
INT 21H
MOV AH,4CH
INT 21H
MAIN ENDP
END MAIN
```

Result:

```
C:\>LAB11.EXE
5
NO. IS POSITIVE
```