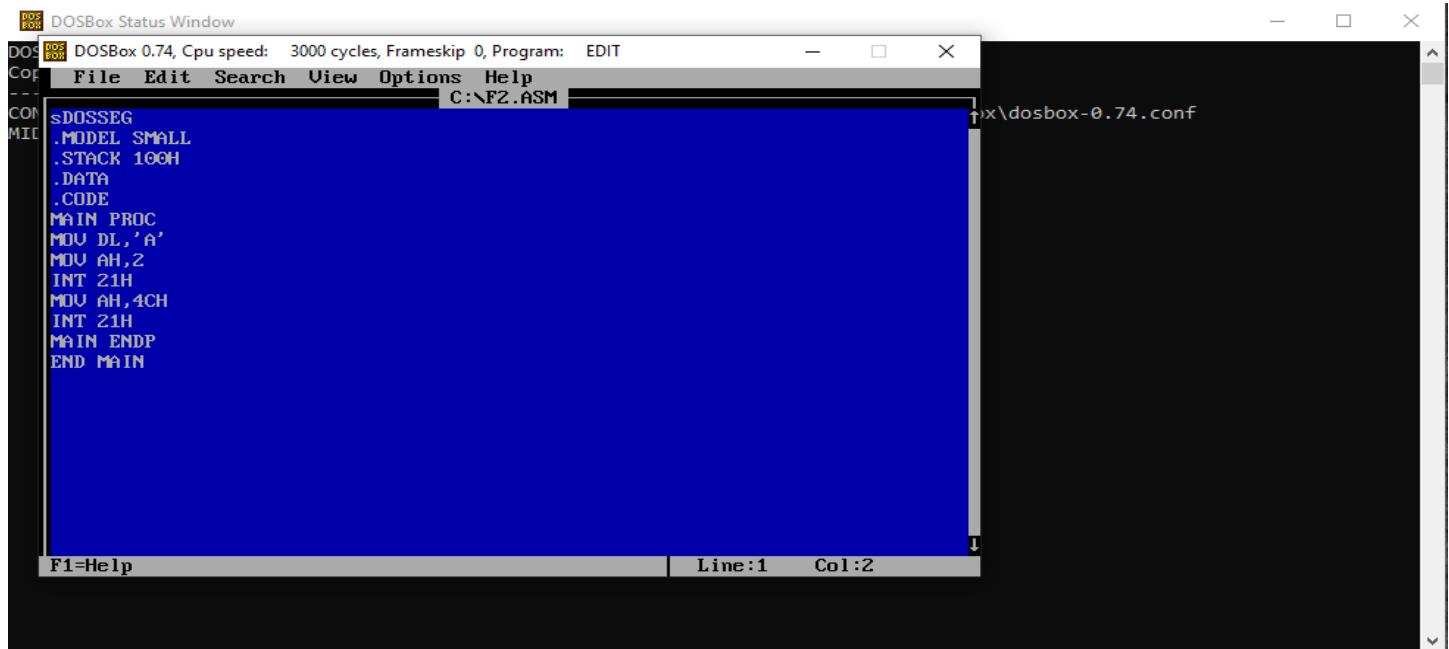


NAME: RIMSHA LARAIB	SEAT NO#: B21110006107	COURSE CODE: BSCS 403	SEC: A(MORNING)
------------------------	----------------------------------	--------------------------	-----------------

LAB TASK #1

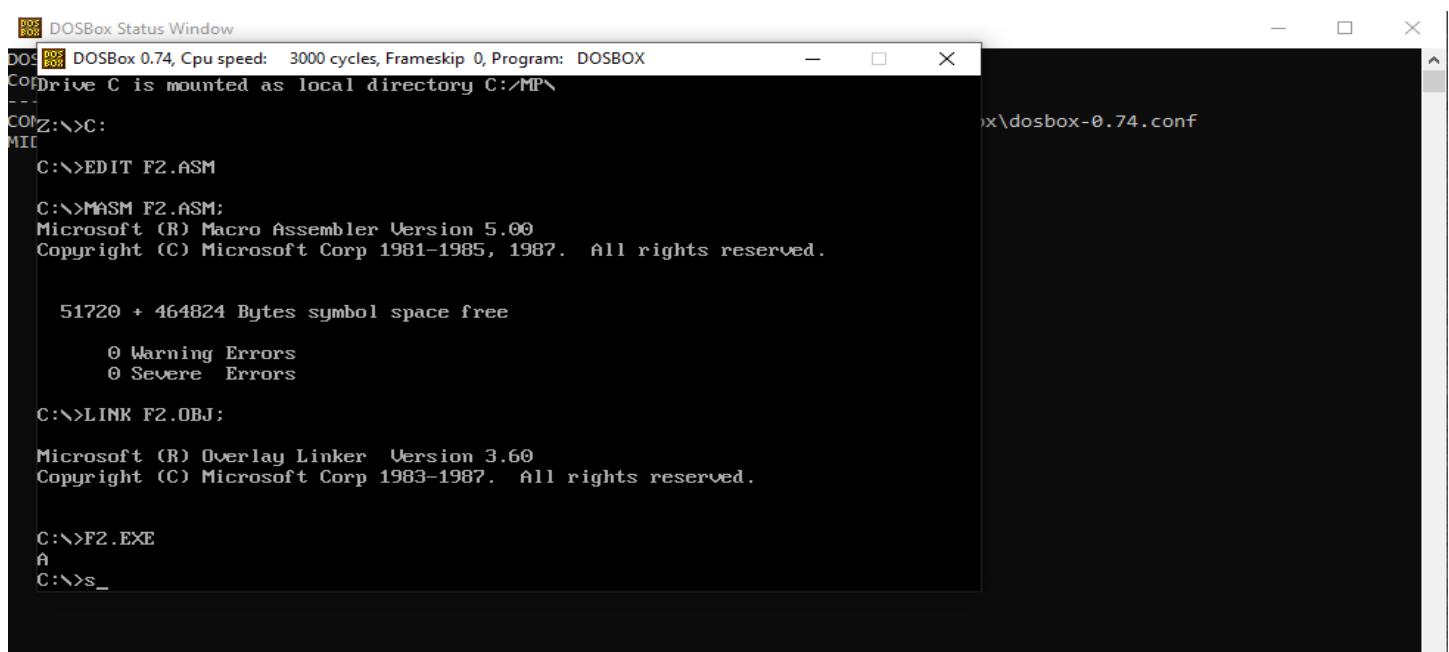
1. PROGRAM TO PRINT A SINGLE CHARACTER ON SCREEN.

CODE:



DOSBox Status Window
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: EDIT
File Edit Search View Options Help C:\F2.ASM
DOSBox-0.74.conf
sDOSSEG
.MODEL SMALL
.STACK 100H
.DATA
.CODE
MAIN PROC
MOV DL,'A'
MOV AH,2
INT 21H
MOV AH,4CH
INT 21H
MAIN ENDP
END MAIN
F1=Help Line:1 Col:2

OUTPUT:



DOSBox Status Window
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX
Drive C is mounted as local directory C:/MP\
Z:>C:
C:>EDIT F2.ASM
C:>MASM F2.ASM:
Microsoft (R) Macro Assembler Version 5.00
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.
51720 + 464824 Bytes symbol space free
0 Warning Errors
0 Severe Errors
C:>LINK F2.OBJ:
Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.
C:>F2.EXE
A
C:>s_

2. PROGRAM TO PRINT NAME WITH CHARACTER.

CODE:

The screenshot shows the DOSBox Status Window with two panes. The left pane displays the assembly code F1.ASM, and the right pane shows the output of the program.

Code (Left Pane):

```
sDOSSEG  
.MODEL SMALL  
.STACK 100H  
.DATA  
.CODE  
MAIN PROC  
MOV DL,'R'  
MOV AH,2  
INT 21H  
MOV DL,' I'  
MOV AH,2  
INT 21H  
MOV DL,'M'  
MOV AH,2  
INT 21H  
MOV DL,'S'  
MOV AH,2  
INT 21H  
MOV DL,'H'  
MOV AH,2  
INT 21H  
MOV DL,'A'
```

Output (Right Pane):

```
MOV AH,2  
INT 21H  
MOV AH,4CH  
INT 21H  
MAIN ENDP  
END MAIN  
F1=Help | Line:8 Col:2
```

OUTPUT:

The screenshot shows the DOSBox Status Window with two panes. The left pane displays the build process of the assembly program, and the right pane shows the output of the program.

Build Process (Left Pane):

```
DOSBox Status Window  
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.  
LINK : fatal error L1093: F1.OBJ : object not found  
C:\>EDIT F1.ASM  
C:\>MASM F1.ASM:  
Microsoft (R) Macro Assembler Version 5.00  
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.  
  
51720 + 464824 Bytes symbol space free  
0 Warning Errors  
0 Severe Errors  
C:\>LINK F1.OBJ:  
Microsoft (R) Overlay Linker Version 3.60  
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.  
  
C:\>F1.EXE  
RIMSHA  
C:\>
```

Output (Right Pane):