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Submitted To. Ma'am Farheen Faisal

Program to print a single character on screen

```
1 ; Program to Print a character on screen
2
3 .model small
4 .stack 100h
5 .data
6 .code
7
8 Main Proc
9     Mov dl, "A"
10    Mov ah, 2
11    INT 21h
12    Mov ah, 4ch
13    INT 21h
14 Main endp
15 End Main
```

Drive C is mounted as local directory ./

Z:\>mount d ./code  
Drive D is mounted as local directory ./code/

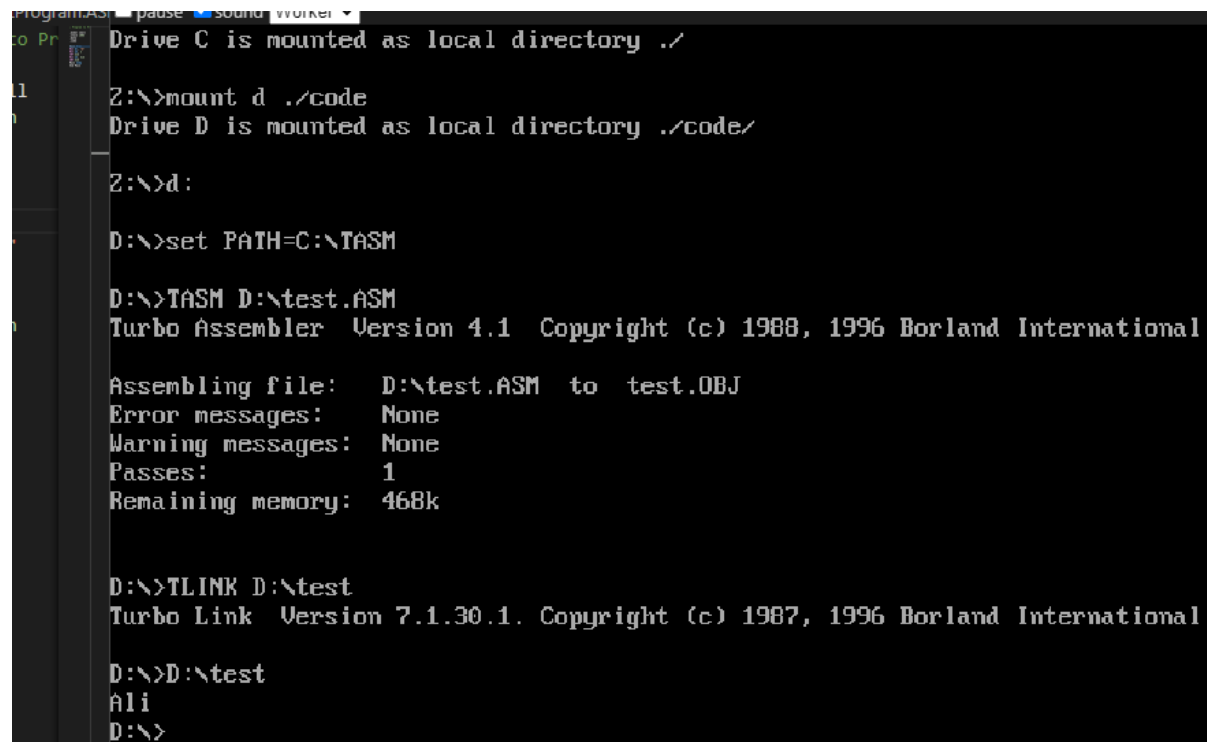
Z:\>d:  
D:\>set PATH=C:\TASM  
D:\>TASM D:\test.ASM  
Turbo Assembler Version 4.1 Copyright (c) 1988, 1996 Borland International

Assembling file: D:\test.ASM to test.OBJ  
Error messages: None  
Warning messages: None  
Passes: 1  
Remaining memory: 468k

D:\>TLINK D:\test  
Turbo Link Version 7.1.30.1. Copyright (c) 1987, 1996 Borland International

D:\>D:\test  
A  
D:\>\_

## PROGRAM TO PRINT NAME WITH CHARACTER

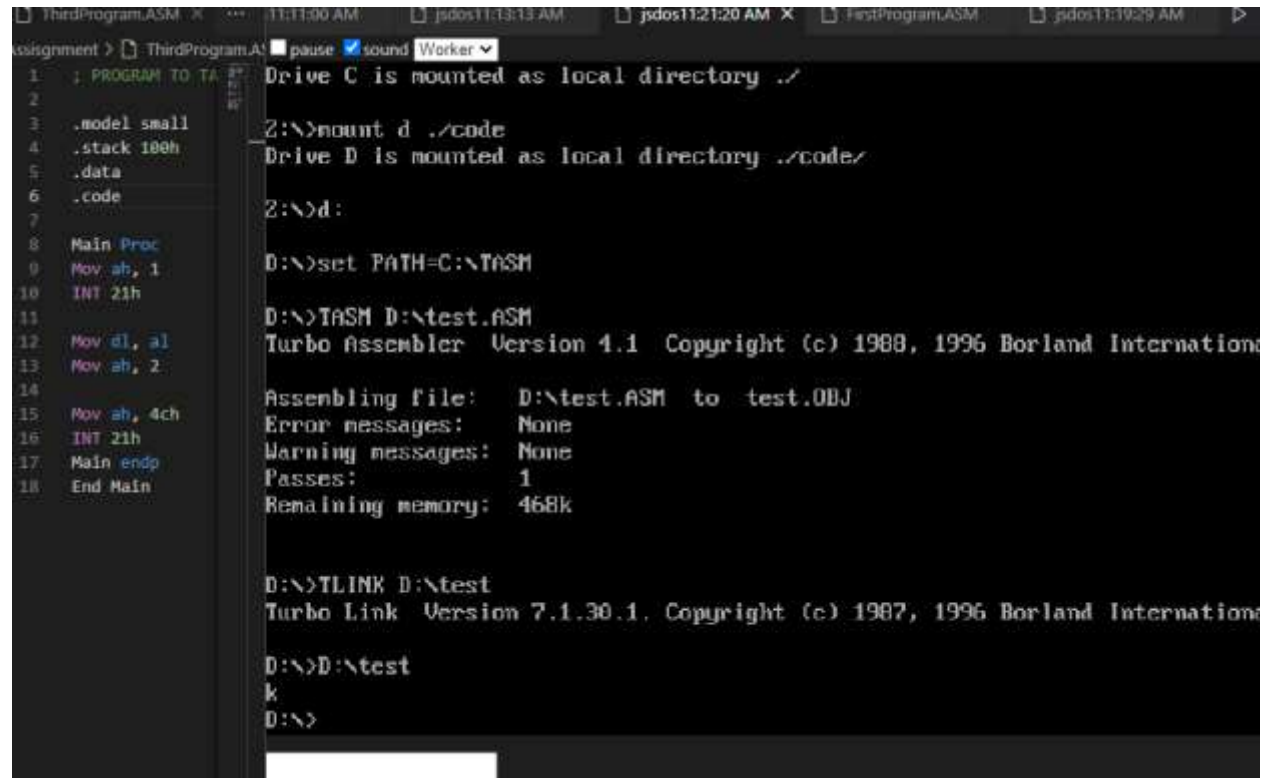


The screenshot shows a command prompt window with the following text:

```
Program:ASM pause sound worker
to Pr
11
0
Drive C is mounted as local directory ./
Z:\>mount d ./code
Drive D is mounted as local directory ./code/
Z:\>d:
D:\>set PATH=C:\TASM
D:\>TASM D:\test.ASM
Turbo Assembler Version 4.1 Copyright (c) 1988, 1996 Borland International
Assembling file: D:\test.ASM to test.OBJ
Error messages: None
Warning messages: None
Passes: 1
Remaining memory: 468k
D:\>TLINK D:\test
Turbo Link Version 7.1.30.1. Copyright (c) 1987, 1996 Borland International
D:\>D:\test
Ali
D:\>
```

At the bottom of the window, there is a small white rectangular box.

## PROGRAM TO TAKE INPUT CHARACTER AND PRINT ON SCREEN



The screenshot shows the Turbo Assembler (TASM) and Turbo Linker (TLINK) interface. The left pane displays the assembly code for 'ThirdProgram.ASM'. The right pane shows the command-line execution of TASM and TLINK.

```
1  ; PROGRAM TO TAKE INPUT CHARACTER AND PRINT ON SCREEN
2
3  .model small
4  .stack 100h
5  .data
6  .code
7
8  Main Proc
9  Mov ah, 1
10 INT 21h
11
12 Mov dl, al
13 Mov ah, 2
14
15 Mov ah, 4ch
16 INT 21h
17 Main endp
18 End Main
```

Drive C is mounted as local directory ./

Z:\>mount d ./code

Drive D is mounted as local directory ./code/

Z:\>d:

D:\>set PATH=C:\TASM

D:\>>TASM D:\test.ASM

Turbo Assembler Version 4.1 Copyright (c) 1988, 1996 Borland International

Assembling File: D:\test.ASM to test.OBJ

Error messages: None

Warning messages: None

Passes: 1

Remaining memory: 468k

D:\>TLINK D:\test

Turbo Link Version 7.1.30.1. Copyright (c) 1987, 1996 Borland International

D:\>D:\test

k

D:\>