

Name: Aditya Vinayak Patl

Div.: A

Roll no.42

Sub.: Microprocessor

Batch: S3

Experiment No.7

PROGRAM FOR SINGLE CHARACTER:

.MODEL small

.STACK 100h .CODE

start:

mov ah, 09h

mov bl, 8eh

mov cx, 1

int 10h

mov ah, 2

mov dl, 41h

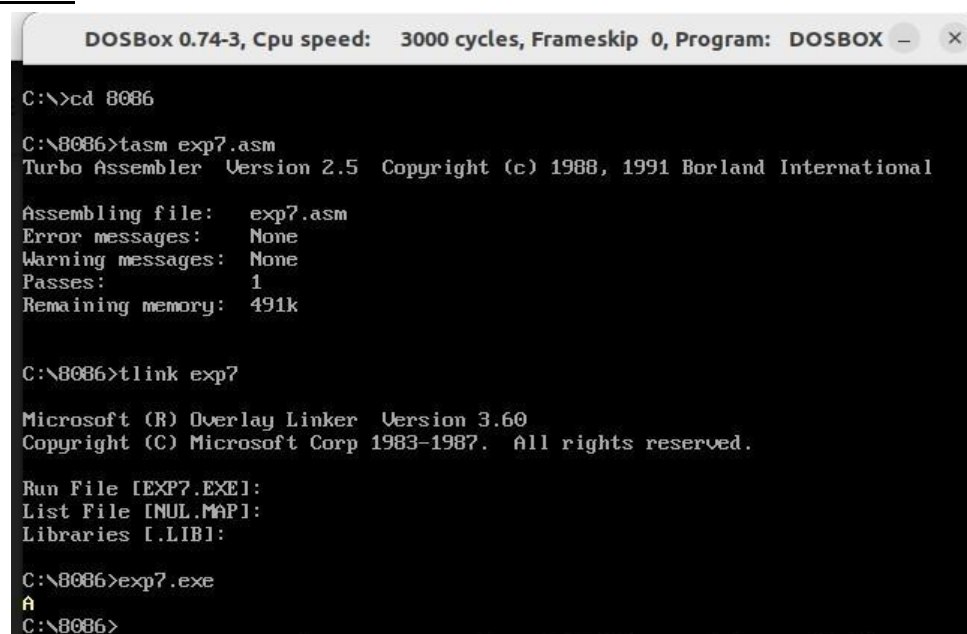
int 21h mov

ah, 4ch int

21h

END start

OUTPUT:



```
DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX
C:\>cd 8086
C:\8086>tasm exp7.asm
Turbo Assembler Version 2.5 Copyright (c) 1988, 1991 Borland International

Assembling file: exp7.asm
Error messages: None
Warning messages: None
Passes: 1
Remaining memory: 491k

C:\8086>tlink exp7

Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

Run File [EXP7.EXE]:
List File [NUL.MAP]:
Libraries [LIB]:

C:\8086>exp7.exe
A
C:\8086>
```

PROGRAM FOR DOUBLE CHARACTER:

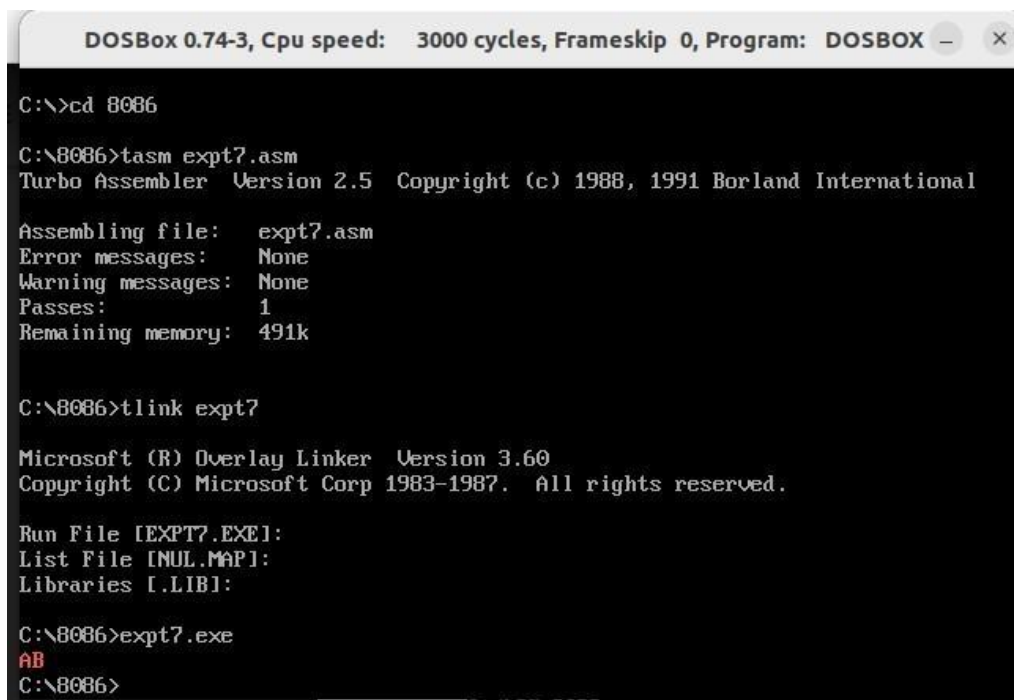
```
.MODEL small
.STACK     100h
.CODE      start:
mov ah, 09h

mov bl, 8ch  mov
cx, 2  int 10h  mov
ah, 2  mov dl ,41h
int 21h  mov ah, 2
mov dl ,42h

int 21h  mov ah,
4ch  int 21h  END

start
```

OUTPUT:



```
DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX
C:\>cd 8086
C:\8086>tasm expt7.asm
Turbo Assembler Version 2.5 Copyright (c) 1988, 1991 Borland International

Assembling file:   expt7.asm
Error messages:   None
Warning messages: None
Passes:           1
Remaining memory: 491k

C:\8086>tlink expt7

Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

Run File [EXPT7.EXE]:
List File [NUL.MAP]:
Libraries [.LIB]:

C:\8086>expt7.exe
AB
C:\8086>
```