

SYSTEM PROGRAMMING – LAB EXERCISE 1

Exercise:

Write a C program that will use interrupt 21, service 09 to print your full name on the screen. Use pseudo-variables to access register values and `geninterrupt()` function to invoke interrupt.

Exercise Solution:

```
#include<stdio.h>
#include<BIOS.H>
#include<DOS.H>
#include<conio.h>

char st[80] ={"Umair Mujahid$"};

void main()
{
    clrscr(); //to clear the screen contents
    _DX = (unsigned int) st;
    _AH = 0x09;
    geninterrupt(0x21);
    getch();
}
```

Mechanism to Conduct Lab:

Write, compile, and run the code in Turbo C++.

Students and teacher communicate through Zoom Meetings

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