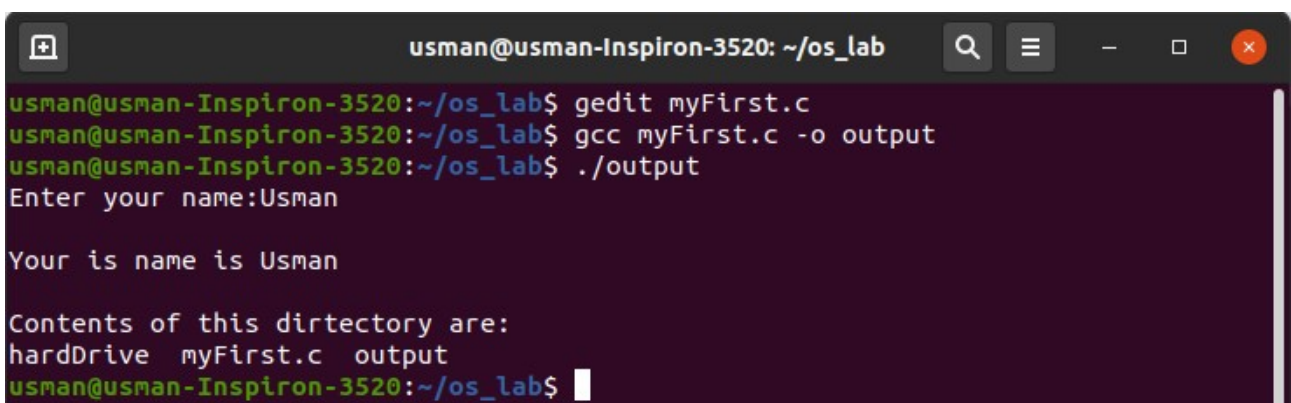**Name:** Muhammad Usman
Roll no: 19P-0116
Course: Operating System-Lab
Section: A

Lab Task #4

Task 1:

```c
#include<stdio.h>
#include<stdlib.h>

int main()
{
        char name[15];
        printf("Enter your name:");
        scanf("%s", name);
        printf("\nYour is name is %s \n",name);

        printf("\nContents of this dirtectory are:\n");

        system("ls");
        return 0;
}
```

```
usman@usman-Inspiron-3520:~/os_lab$ gedit myFirst.c
usman@usman-Inspiron-3520:~/os_lab$ gcc myFirst.c -o output
usman@usman-Inspiron-3520:~/os_lab$ ./output
Enter your name:Usman

Your is name is Usman

Contents of this dirtectory are:
hardDrive  myFirst.c  output
usman@usman-Inspiron-3520:~/os_lab$
```
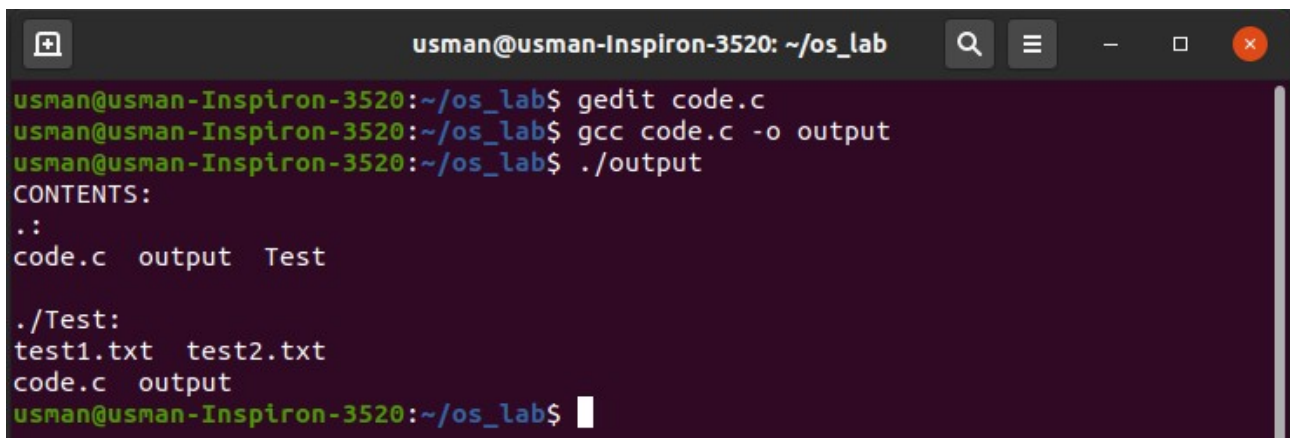
Task 2:

```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
        system("mkdir Test");

        system("touch Test/test1.txt");
        system("touch Test/test2.txt");

        system("ls -R");
        system("rm -r Test");
        system("ls");
        return 0;
}
```

```
usman@usman-Inspiron-3520:~/os_lab$ gedit code.c
usman@usman-Inspiron-3520:~/os_lab$ gcc code.c -o output
usman@usman-Inspiron-3520:~/os_lab$ ./output
CONTENTS:
.:
code.c   output   Test

./Test:
test1.txt  test2.txt
code.c   output
usman@usman-Inspiron-3520:~/os_lab$
```