C programming in Ubuntu

OPERATING SYSTEMS LABS

Submitted By
Ibrar Babar
(19P-0104)
BS(CS) :: Section 4A

Submitted to
MR. MUHAMMAD ABDULLAH
(COMPUTER INSTRUCTOR)

DEPARTMENT OF COMPUTER SCIENCE
FAST NATIONAL UNIVERSITY OF COMPUTER
AND EMERGING SCINCES, PESHAWAR
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Q::1

MyFirst.c // FileName

```c
#include <stdio.h>
#include <stdlib.h>
void main()
{

    char name[12];
    printf("Please Enter your name :: ");
    fgets(name, 12, stdin);
    printf("The name is ::  %s! \n", name);
    system("ls");
}
```

```
⌐+⌐                              ibrar@Ibrar: ~              Q   ≡    —   □   ✕

ibrar@Ibrar:~$ gedit myFirst.c
ibrar@Ibrar:~$ gcc myFirst.c -o myFirst
ibrar@Ibrar:~$ ./myFirst
Please Enter your name :: ibrar babar
The name is ::  ibrar babar!
''$'\004'   command      file.txt      lab4.txt     Nasm-Setup     Templates
 a          command.c    Grades        Music        newfilw        temporary
 abc        Desktop      hello1.txt    myFirst      output.txt     text10.txt
 abc2       Documents    hello2        myFirst.c    progcpp.cpp    text1.txt
 abc3       Downloads    images        nano.save    Public         Videos
 a.cpp      file2.txt    Irmages       nasm-lab     snap           xyz.txt
ibrar@Ibrar:~$ █
```

Q::2

TASK2.c //FileName

```c
#include<stdio.h>
#include<stdlib.h>
void main()
{
        printf("Before making Test Directory\n");
        system("ls");
        system("mkdir Test");
        system("cd Test; cat >Test1");
        system("cd Test; cat >Test2");
        printf("After making Test Directory & its subdirectories (Test1 & Test2)\n");
        system("ls");
        system("rm -r Test");
        printf("After Removal of Test Directory\n");
        system("ls");
}
```

Output