

UBUNTU COMMANDS
OPERATING SYSTEMS LABS



Lab Task#05

Submitted By

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Submitted to

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TASK # 01

```
#include <stdio.h>

#include<stdlib.h> void
main()
{
char str[50]; printf("What is
your name :");
scanf("%s",str);

printf("%s",str);

system("ls");

}
```

A terminal window with a dark purple background and light green text. It shows the execution of a C program. The user runs 'gedit myFirst.c', then 'gcc myFirst.c -o myFirst', and finally './myFirst'. The program prompts 'What is your name :', and the user enters 'Noman'. The program then lists files in the current directory: 'myfile myfirst myFirst myfirst.c myFirst.c task2 Task2 task2.c Task2.c'.

```
noman@noman-siddique:~/Desktop$ gedit myFirst.c
noman@noman-siddique:~/Desktop$ gcc myFirst.c -o myFirst
noman@noman-siddique:~/Desktop$ ./myFirst
What is your name :Noman
myfile myfirst myFirst myfirst.c myFirst.c task2 Task2 task2.c Task2.c
Noman
```

TASK #02

```
#include <stdio.h>

#include<stdlib.h> void

main()

{
printf("Current Directory list before creating Test directory :\n");

system("ls");

system("mkdir Test");

printf("After creating a Test Directory :\n");

system("ls");

printf("Creating test1 and test2 files :\n");

system("cd Test;cat> test1.txt");

system("cd Test;cat> test2.txt");

printf("Test directory content:\n");

system("ls Test");

printf("Deleting Test directory :\n"); system("rm

-r Test");

}
```

```
s Terminal ▾  
noman  
noman@noman-siddique:~/Desktop$ gedit task2.c  
noman@noman-siddique:~/Desktop$ gcc task2.c -o task2  
noman@noman-siddique:~/Desktop$ ./task2  
Current Directory list before creating Test directory :  
myfile myfirst.c task2 Task2 task2.c Task2.c  
After creating a Test Directory :  
myfile myfirst.c task2 Task2 task2.c Task2.c Test  
Creating test1 and test2 files :  
Test1.txt file ^C  
Test2.txt file ^CTest directory content:  
test1.txt test2.txt  
Deleting Test directory :  
noman@noman-siddique:~/Desktop$
```