

UBUNTU COMMANDS

OPERATING SYSTEMS LABS



Lab task 5

Submitted By

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Submitted to

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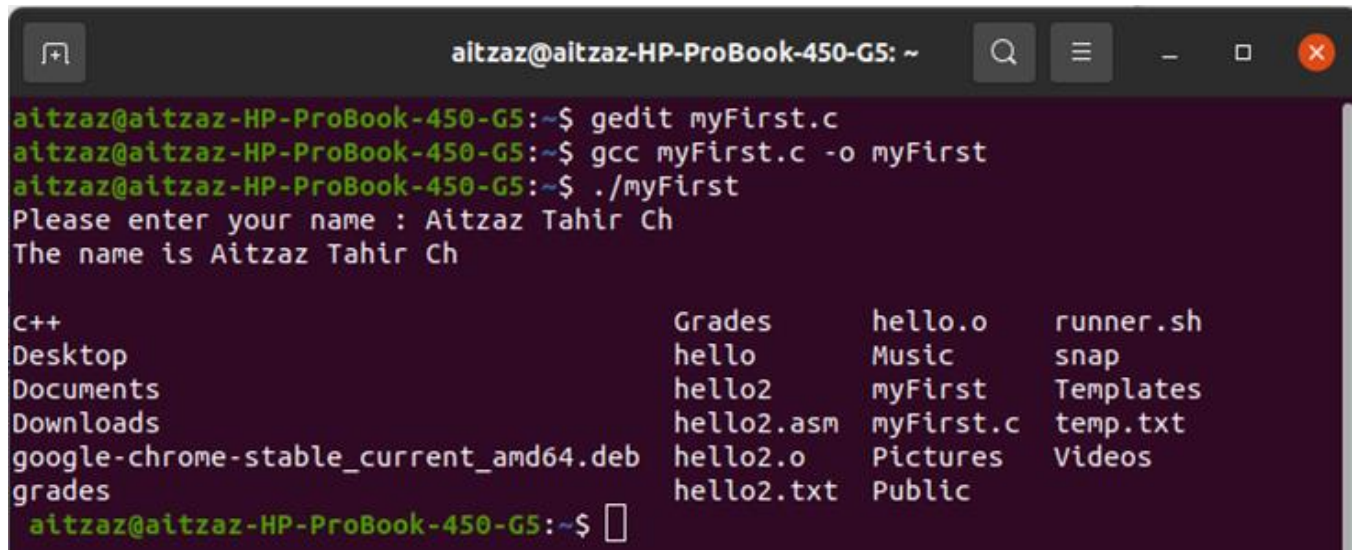
**FAST NATIONAL UNIVERSITY OF COMPUTER AND
EMERGING SCIENCES, PESHAWAR**

Session 2020-2024

Q no. 1:

Code in C: myFirst.c //Filename

```
#include <stdio.h>
#include <stdlib.h>
void main()
{
    char name[20];
    printf("Please enter your name : ");
    fgets(name, 20, stdin);
    printf("The name is %s\n ", name);
    system("ls");
}
```



```
aitzaz@aitzaz-HP-ProBook-450-G5: ~
aitzaz@aitzaz-HP-ProBook-450-G5:~$ gedit myFirst.c
aitzaz@aitzaz-HP-ProBook-450-G5:~$ gcc myFirst.c -o myFirst
aitzaz@aitzaz-HP-ProBook-450-G5:~$ ./myFirst
Please enter your name : Aitzaz Tahir Ch
The name is Aitzaz Tahir Ch

c++          Grades      hello.o      runner.sh
Desktop      hello          Music       snap
Documents   hello2         myFirst     Templates
Downloads   hello2.asm     myFirst.c   temp.txt
google-chrome-stable_current_amd64.deb hello2.o      Pictures    Videos
grades      hello2.txt     Public

aitzaz@aitzaz-HP-ProBook-450-G5:~$
```

Q no. 2:

Code in C: task.c //Filename

```
#include<stdio.h>
#include<stdlib.h>
void main()
{
    printf("---Before making test Directory--- \n");
    system("ls");
    system("mkdir test");
    printf("\n");
    printf("---test directory has been made, u can verify it by seeing below--- \n");
    system("ls");
}
```

```

system("cd test; touch Test1.txt");
system("cd test; touch Test2.txt");
printf("\n");
printf("---2 text files (Test1 & Test2) has been made, u can verify it by seeing below--- \n");
system("cd test; ls");
system("rm -r test");
printf("\n");
printf("---test directory and its contents (2 text files Test1 & Test2) has been removed--- \n");
system("ls");
}

```

```

aitzaz@aitzaz-HP-ProBook-450-G5: ~
aitzaz@aitzaz-HP-ProBook-450-G5:~$ gedit task.c
aitzaz@aitzaz-HP-ProBook-450-G5:~$ gcc task.c -o task
aitzaz@aitzaz-HP-ProBook-450-G5:~$ ./task
---Before making test Directory---
c++      Downloads      Grades  hello2.asm  hello.o  myFirst.c  runner.sh  task.c
Desktop  google-chrome-stable_current_amd64.deb  hello  hello2.o   Music    Pictures   snap      Templates
Documents grades             hello2  hello2.txt  myFirst  Public     task      Videos

---test directory has been made, u can verify it by seeing below---
c++      Downloads      Grades  hello2.asm  hello.o  myFirst.c  runner.sh  task.c  Videos
Desktop  google-chrome-stable_current_amd64.deb  hello  hello2.o   Music    Pictures   snap      Templates
Documents grades             hello2  hello2.txt  myFirst  Public     task      test

---2 text files (Test1 & Test2) has been made, u can verify it by seeing below---
Test1.txt  Test2.txt

---test directory and its contents (2 text files Test1 & Test2) has been removed---
c++      Downloads      Grades  hello2.asm  hello.o  myFirst.c  runner.sh  task.c
Desktop  google-chrome-stable_current_amd64.deb  hello  hello2.o   Music    Pictures   snap      Templates
Documents grades             hello2  hello2.txt  myFirst  Public     task      Videos
aitzaz@aitzaz-HP-ProBook-450-G5:~$ █

```