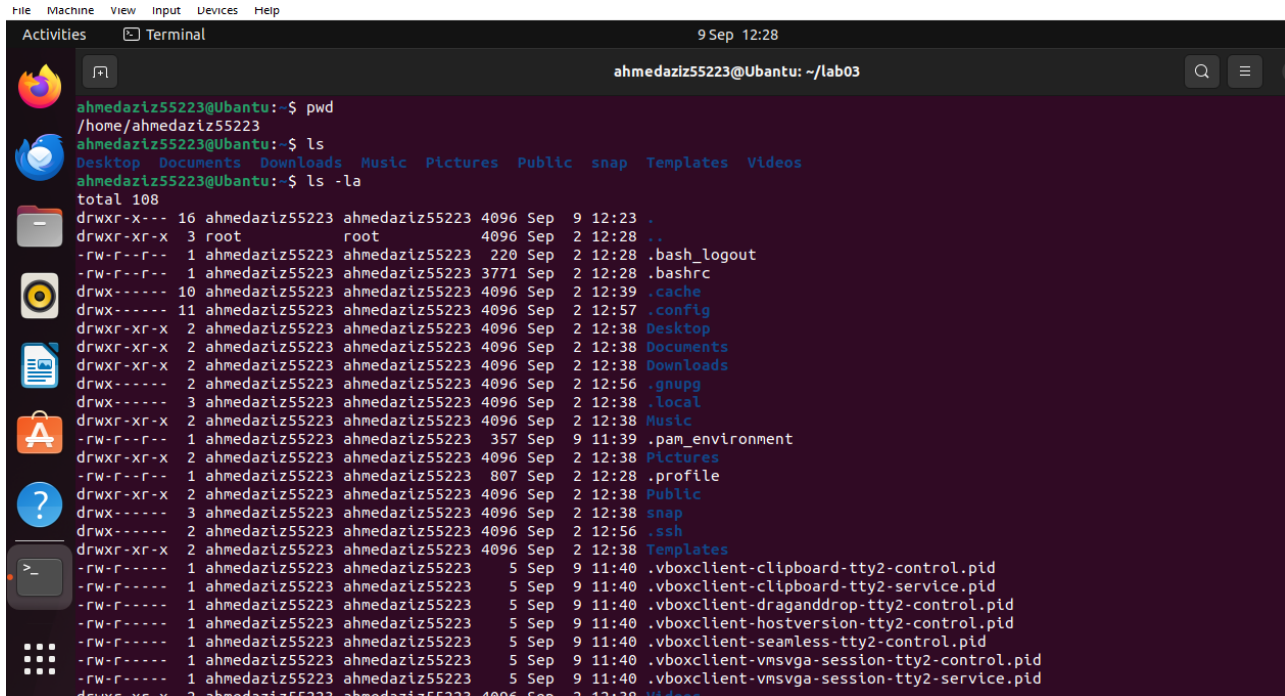# LAB # 03

Name: Ahmed Aziz

Sap ID: 55223

Professor Name: Mr. Shahzad Ahmad Khan

Subject: Operating Systems

Task 1: Verify that you are in home directory
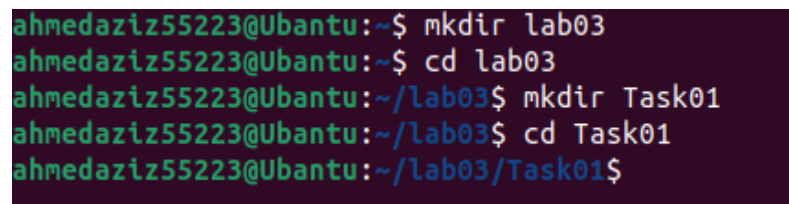
Command: pwd, ls, ls -a

Command: mkdir ,cd lab03,cd Task01

TASK 6:

Make the directory hierarchy

Books:

```
/home/ahmedaziz55223/lab03/Task01
ahmedaziz55223@Ubantu:~/lab03/Task01$ mkdir books
ahmedaziz55223@Ubantu:~/lab03/Task01$ cd books
ahmedaziz55223@Ubantu:~/lab03/Task01/books$ ls
```

Book hierarchy:

```
ahmedaziz55223@Ubantu:~/lab03/Task01/books$ mkdir math
ahmedaziz55223@Ubantu:~/lab03/Task01/books$ mkdir physics
ahmedaziz55223@Ubantu:~/lab03/Task01/books$ mkdir computer
ahmedaziz55223@Ubantu:~/lab03/Task01/books$ ls
computer   math   physics
```

Math :

```
ahmedaziz55223@Ubantu:~/lab03/Task01/books$ cd math
ahmedaziz55223@Ubantu:~/lab03/Task01/books/math$ pwd
/home/ahmedaziz55223/lab03/Task01/books/math
ahmedaziz55223@Ubantu:~/lab03/Task01/books/math$ mkdir trignometry
ahmedaziz55223@Ubantu:~/lab03/Task01/books/math$ mkdir calculus
ahmedaziz55223@Ubantu:~/lab03/Task01/books/math$ ls
calculus   trignometry
```

Physics:

```
ahmedaziz55223@Ubantu:~/lab03/Task01/books/math$ cd
ahmedaziz55223@Ubantu:~$ cd lab03/Task01/books
ahmedaziz55223@Ubantu:~/lab03/Task01/books$ cd
ahmedaziz55223@Ubantu:~$ cd lab03/Task01/physics
bash: cd: lab03/Task01/physics: No such file or directory
ahmedaziz55223@Ubantu:~$ cd lab03/Task01/books/physics
ahmedaziz55223@Ubantu:~/lab03/Task01/books/physics$ mkdir quantum
ahmedaziz55223@Ubantu:~/lab03/Task01/books/physics$ mkdir classical
ahmedaziz55223@Ubantu:~/lab03/Task01/books/physics$ mkdir nuclear
ahmedaziz55223@Ubantu:~/lab03/Task01/books/physics$ ls
classical   nuclear   quantum
```