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OF LAHORE
**ISLAMABAD
CAMPUS**

Operating System (CS11303)

Lab Report

Name: Mustansar Hussain
Registration #: CSU-F15-124
Lab Report #: 02
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Submitted To: Mr. Usman Ahmed

The University of Lahore, Islamabad Campus
Department of Computer Science & Information Technology

Experiment # 2

Introduction to Basic Shell Commands

Objective

To Learn Basics Shell Commands.

Software Tool

1. Ubuntu
2. Terminal
3. Screenshots

1 Theory

To learn basics shell command home task is given by Sir Usman. I performed every task on terminal of Ubuntu. In this experiment I learnt how to make directory, how to create a file in directory, how to create and delete file, how to add data and how to view the list of your directory.

2 Task

```

mustansar@mustansar-HP-ProBook-650-G1: ~/adir
mustansar@mustansar-HP-ProBook-650-G1:~$ cd /home/mustansar
mustansar@mustansar-HP-ProBook-650-G1:~$ ls
Desktop  Downloads  Music      Public     Videos
Documents examples.desktop Pictures Templates
mustansar@mustansar-HP-ProBook-650-G1:~$ mkdir adir
mustansar@mustansar-HP-ProBook-650-G1:~$ ls
adir  Documents examples.desktop Pictures Templates
Desktop Downloads Music      Public     Videos
mustansar@mustansar-HP-ProBook-650-G1:~$ cd /home/mustansar/adir
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cat >testfile
Hi Sir...
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ ls
testfile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cat testfile
Hi Sir...
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cp testfile secondfile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ ls
secondfile testfile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cat >secondfile
Contents of the SecondFile.
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cat testfile secondfile
Hi Sir...
Contents of the SecondFile.
mustansar@mustansar-HP-ProBook-650-G1:~/adir$

```

Figure 1: Task:1,2,3.....10.

```

mustansar@mustansar-HP-ProBook-650-G1: ~/adir
Documents examples.desktop Pictures Templates
mustansar@mustansar-HP-ProBook-650-G1:~$ mkdir adir
mustansar@mustansar-HP-ProBook-650-G1:~$ ls
adir  Documents examples.desktop Pictures Templates
Desktop Downloads Music      Public     Videos
mustansar@mustansar-HP-ProBook-650-G1:~$ cd /home/mustansar/adir
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cat >testfile
Hi Sir...
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ ls
testfile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cat testfile
Hi Sir...
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cp testfile secondfile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ ls
secondfile testfile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cat >secondfile
Contents of the SecondFile.
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cat testfile secondfile
Hi Sir...
Contents of the SecondFile.
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ rm testfile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ ls
secondfile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ clear

```

Figure 2: Task:11,12,13.

```

mustansar@mustansar-HP-ProBook-650-G1: ~/adir
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ mv secondfile thefile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ ls
thefile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cp thefile /home/mustansar
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ rm thefile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ ls
mustansar@mustansar-HP-ProBook-650-G1:~/adir$

```

Figure 3: Task:15,16,...25.

```

mustansar@mustansar-HP-ProBook-650-G1: ~
Try 'cp --help' for more information.
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cp /home/mustansar/thefile /home/mustansar/adir
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ ls
thefile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cd /home/mustansar
mustansar@mustansar-HP-ProBook-650-G1:~$ ls
adir  Documents examples.desktop Pictures Templates Videos
Desktop Downloads Music      Public     thefile
mustansar@mustansar-HP-ProBook-650-G1:~$ rm -r thefile
mustansar@mustansar-HP-ProBook-650-G1:~$ ls
adir  Documents examples.desktop Pictures Templates
Desktop Downloads Music      Public     Videos
mustansar@mustansar-HP-ProBook-650-G1:~$ cd /home/mustansar/adir
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ rm thefile
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ ls
mustansar@mustansar-HP-ProBook-650-G1:~/adir$ cd /home/mustansar
mustansar@mustansar-HP-ProBook-650-G1:~$ rm adir
rm: cannot remove 'adir': Is a directory
mustansar@mustansar-HP-ProBook-650-G1:~$ rm -r adir
mustansar@mustansar-HP-ProBook-650-G1:~$ ls
Desktop  Downloads  Music      Public     Videos
Documents examples.desktop Pictures Templates

```