



## Lab Report: 02

**Title: Basic Command of Linux Operating System**

**Course code: ICT-3110**

**Course title: Operating Systems Lab**

**Date of**

**Performance:**

**Date of**

**Submission:**

**SUBMITTED BY**

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**ID: IT-18033**

**3<sup>rd</sup> year 1<sup>st</sup> semester**

**Session: 2017-18**

**Department of ICT,**

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## Experiment No :02

### Experiment Name: Basic Command of Linux Operating System

#### Objectives:

- What is Linux command?
- Write 15 commands in Linux operating system.
- Describe the operation of Linux basic command. (Screenshot)

- 1.\$whoami <it shows who logged on this system>
- 2.\$hostname <it tells on which machine you are>
- 3.\$pwd <shows the path of current working directory>
- 4.\$ls <displays the list of the files of the current directory>
- 5.mkdir(directory name) <creating a directory with specified directory name>
- 6.\$cd .. <moves one directory up>
- 7.\$rmdir (directory name) <removes entire directory>
- 8.\$ rm(file name) <removes file name>
- 9.\$mv (name1 ) (name2) <rename the directories or files>
- 10.\$mv (name) (path) <moves files to the specified path>

```
shakhera@shakhera-HP-Notebook-PC: ~/operating
File Edit View Search Terminal Help
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

shakhera@shakhera-HP-Notebook-PC:~$ whoami
shakhera
shakhera@shakhera-HP-Notebook-PC:~$ hostname
shakhera-HP-Notebook-PC
shakhera@shakhera-HP-Notebook-PC:~$ pwd
/home/shakhera
shakhera@shakhera-HP-Notebook-PC:~$ ls
Desktop  Downloads      hello.java  Music  Pictures  Templates
Documents examples.desktop java         oper1  Public    Videos
shakhera@shakhera-HP-Notebook-PC:~$ mkdir operating
shakhera@shakhera-HP-Notebook-PC:~$ mkdir cradit1
shakhera@shakhera-HP-Notebook-PC:~$ touch class.cl
shakhera@shakhera-HP-Notebook-PC:~$ ls
class.cl  Documents      hello.java  oper1      Public
cradit1   Downloads      java        operating  Templates
Desktop  examples.desktop Music        Pictures    Videos
shakhera@shakhera-HP-Notebook-PC:~$ cd operating
```

```
shakhera@shakhera-HP-Notebook-PC: ~/operating
File Edit View Search Terminal Help
class.cl  Documents      hello.java  oper1      Public
cradit1   Downloads      java        operating  Templates
Desktop  examples.desktop Music        Pictures    Videos
shakhera@shakhera-HP-Notebook-PC:~$ cd operating
shakhera@shakhera-HP-Notebook-PC:~/operating$ touch attendance
shakhera@shakhera-HP-Notebook-PC:~/operating$ touch attendance.cl
shakhera@shakhera-HP-Notebook-PC:~/operating$ ls
attendance  attendance.cl
shakhera@shakhera-HP-Notebook-PC:~/operating$ mkdir lab
shakhera@shakhera-HP-Notebook-PC:~/operating$ cd lab
shakhera@shakhera-HP-Notebook-PC:~/operating/lab$ cd..
cd..: command not found
shakhera@shakhera-HP-Notebook-PC:~/operating/lab$ cd..
cd..: command not found
shakhera@shakhera-HP-Notebook-PC:~/operating/lab$ cd ..
shakhera@shakhera-HP-Notebook-PC:~/operating$ rm attendance.cl
shakhera@shakhera-HP-Notebook-PC:~/operating$ ls
attendance  lab
shakhera@shakhera-HP-Notebook-PC:~/operating$ mv c lab
mv: cannot stat 'c': No such file or directory
shakhera@shakhera-HP-Notebook-PC:~/operating$ mv lab c
shakhera@shakhera-HP-Notebook-PC:~/operating$ ls
attendance  c
shakhera@shakhera-HP-Notebook-PC:~/operating$
```

**Discussion:**

This lab helps to learn about basic command of Linux Operating System.