# NETWORKING AND SYSTEM ADMINISTRATION LAB BASIC LINUX COMMANDS

SUBMITTED TO MEERA MISS

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# **BASIC LINUX COMMANDS**

# 1. pwd (Print Working Directory)

The pwd command is used to find out the path of the current working directory. The command will return an absolute (full) path, which is basically a path of all the directories that starts with a forward slash (/).

# 2. history

The history command is used to view the previously executed command.

## 3. man

The man command is used to display the user manual of any command that we can run on the terminal.

### 4. cd

The cd command, also known as chdir (change directory), is a command-line shell command used to change the current working directory in various operating systems.

### 5. ls

The ls command is used to view the contents of a directory. By default, this command will display the contents of your current working directory.

### 6. mkdir

The mkdir command is used to make a new directory.

# 7. rmdir

The rmdir command is used to to delete a directory. However, rmdir only allows you to delete empty directories.

### 8. touch

The touch command allows you to create a blank new file through the Linux command line.

### 9. rm

The rm command is used to delete directories and the contents within them. To remove a file use rm filename

### 10. cat

The cat (short for concatenate) is one of the most frequently used commands in Linux. It is used to list the contents of a file on the standard output stdout.

cat > filename creates a new file

cat >> myfile insert data to a file

### **OUTPUT**

```
swathy@swathy-VirtualBox: ~/Desktop/network
                                                               Q
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
swathy@swathy-VirtualBox:~/Desktop$ pwd
/home/swathy/Desktop
swathy@swathy-VirtualBox:~/Desktop$ mkdir network
swathy@swathy-VirtualBox:~/Desktop$ cd network
swathy@swathy-VirtualBox:~/Desktop/network$ pwd
/home/swathy/Desktop/network
swathy@swathy-VirtualBox:~/Desktop/network$ touch lab
swathy@swathy-VirtualBox:~/Desktop/network$ cat > lab
hi
hello!
swathy@swathy-VirtualBox:~/Desktop/network$ cat lab
hi
hello!
swathy@swathy-VirtualBox:~/Desktop/network$ cat >> lab
My name is Swathy Krishna P R
^C
swathy@swathy-VirtualBox:~/Desktop/network$ cat lab
hi
My name is Swathy Krishna P R
swathy@swathy-VirtualBox:~/Desktop/network$ ls
```

```
Q =
                  swathy@swathy-VirtualBox: ~/Desktop/network
Lau
swathy@swathy-VirtualBox:~/Desktop/network$ history
       pwd
       history
    2
       ls
    4
       man pwd
    5
       mkdir swathy
      mkdir ajce
      ls
    8
      ls- r
    9
      ls -r
      rmdir ajce
   10
   11
      ls
   12 mkdir ajce
   13
      ls
   14
       pwd
       mkdir network
   15
   16
      cd network
   17
       pwd
   18 touch newfile
   19 cat > newfile
   20
       pwd
   21
       mkdir network
   22
       pwd
       mkdir network
   23
   24
       cd network
   25
       pwd
       touch lab
   26
   27
       pwd
       mbdic
```

