1 whoami : To display username.

```
rahul@rahul:~$ whoami
rahul
rahul@rahul:~$ 
```

2 hostname : to display hostname.

```
rahul@rahul:~$ hostname
rahul
rahul@rahul:~$ 
```

3 ls : Display the list of directories.

```
rahul@rahul:~$ ls
Desktop  Documents  Downloads  Music  ong.com  Pictures  Public  snap  Templates  Videos
rahul@rahul:~$ 
```

4 ls -al : List of all directories including the hidden files and other details.

```
rahul@rahul:~$ ls -al
total 92
drwxr-x--- 14 rahul rahul 4096 Oct  7 10:06 .
drwxr-xr-x  3 root  root  4096 Oct  6 22:43 ..
-rw-------  1 rahul rahul  339 Oct  7 00:13 .bash_history
-rw-r--r--  1 rahul rahul  220 Oct  6 22:43 .bash_logout
-rw-r--r--  1 rahul rahul 3771 Oct  6 22:43 .bashrc
drwx------ 13 rahul rahul 4096 Oct  7 00:13 .cache
drwx------ 13 rahul rahul 4096 Oct  7 00:14 .config
drwxr-xr-x  2 rahul rahul 4096 Oct  6 23:36 Desktop
drwxr-xr-x  2 rahul rahul 4096 Oct  6 23:36 Documents
drwxr-xr-x  2 rahul rahul 4096 Oct  6 23:36 Downloads
drwx------  3 rahul rahul 4096 Oct  6 23:36 .local
drwxr-xr-x  2 rahul rahul 4096 Oct  6 23:36 Music
-rw-rw-r--  1 rahul rahul   14 Oct  7 00:13 ong.com
drwxr-xr-x  3 rahul rahul 4096 Oct  7 10:14 Pictures
-rw-r--r--  1 rahul rahul  807 Oct  6 22:43 .profile
drwxr-xr-x  2 rahul rahul 4096 Oct  6 23:36 Public
drwx------  5 rahul rahul 4096 Oct  7 00:13 snap
-rw-r--r--  1 rahul rahul    0 Oct  6 23:49 .sudo_as_admin_successful
drwxr-xr-x  2 rahul rahul 4096 Oct  6 23:36 Templates
-rw-r-----  1 rahul rahul    5 Oct  7 00:16 .vboxclient-clipboard.pid
-rw-r-----  1 rahul rahul    5 Oct  7 00:16 .vboxclient-display-svga-x11.pid
-rw-r-----  1 rahul rahul    5 Oct  7 00:16 .vboxclient-draganddrop.pid
-rw-r-----  1 rahul rahul    5 Oct  7 00:16 .vboxclient-seamless.pid
drwxr-xr-x  2 rahul rahul 4096 Oct  6 23:36 Videos
rahul@rahul:~$ 
```

5 pwd : Display the current working directory.

```
rahul@rahul:~$ pwd
/home/rahul
rahul@rahul:~$ 
```

6 cd<directory name> : To access the directory.

```
rahul@rahul:~$ cd Downloads
rahul@rahul:~/Downloads$
```

7 cd .. : To go back to the previous directory.

```
rahul@rahul:~/Downloads$ cd ..
rahul@rahul:~$
```

8 touch<filename> : To create a file.

```
rahul@rahul:~/ong$ touch textme.txt
rahul@rahul:~/ong$ ls
textme.txt
rahul@rahul:~/ong$
```

9 vi/nano <filename> : Creates a file and open in write mode.

```
rahul@rahul:~/ong$ nano newfile.txt
```

```
  GNU nano 6.2                          newfile.txt
Hello how are YOu
Hello Buddy
```

10 cat<filename> : Displays the content in the file.

```
rahul@rahul:~/ong$ cat newfile.txt
Hello how are YOu
Hello Buddy
rahul@rahul:~/ong$
```

11 mkdir <dirname> : Creates a directory.

```
rahul@rahul:~/ong$ mkdir class1
rahul@rahul:~/ong$ ls
 class1         'newfile.txt -D '  'nextfile.txt M.D'
 newfile.txt    nextfile.txt        textme.txt
rahul@rahul:~/ong$ cd class1
rahul@rahul:~/ong/class1$
```

12 mkdir -v <fdirname> : Creates a directory and displays the status.

```
rahul@rahul:~/ong$ mkdir -v class2
mkdir: created directory 'class2'
rahul@rahul:~/ong$
```

13 mkdir -p <dirname1/dirname2> : Creates a directory within a directory

```
rahul@rahul:~/ong$ mkdir -p class3/class4/class5
rahul@rahul:~/ong$ ls
 class1    class3         'newfile.txt -D '  'nextfile.txt M.D'
 class2    newfile.txt    nextfile.txt        textme.txt
rahul@rahul:~/ong$ cd class3
rahul@rahul:~/ong/class3$ ls
class4
rahul@rahul:~/ong/class3$ cd class4
rahul@rahul:~/ong/class3/class4$ ls
class5
rahul@rahul:~/ong/class3/class4$ cd class5
rahul@rahul:~/ong/class3/class4/class5$
```

14 rm <filename> : To remove/delete a file.

```
rahul@rahul:~/ong$ ls
 newfile.txt  'newfile.txt -D '   nextfile.txt  'nextfile.txt M.D'   textme.txt
rahul@rahul:~/ong$ rm newfile.txt
rahul@rahul:~/ong$ ls
'newfile.txt -D '   nextfile.txt  'nextfile.txt M.D'   textme.txt
rahul@rahul:~/ong$
```

15 rmdir <dirname> : To remove or delete a directory.

```
rahul@rahul:~/ong$ ls
 class  'newfile.txt -D '   nextfile.txt  'nextfile.txt M.D'   textme.txt
rahul@rahul:~/ong$ rmdir class
rahul@rahul:~/ong$ ls
'newfile.txt -D '   nextfile.txt  'nextfile.txt M.D'   textme.txt
rahul@rahul:~/ong$
```

16 mv <filename> <filename> :To rename a file.

```
rahul@rahul:~/ong$ touch f1.txt f2.txt
rahul@rahul:~/ong$ ls
 f1.txt  'newfile.txt -D '  'nextfile.txt M.D'
 f2.txt   nextfile.txt       textme.txt
rahul@rahul:~/ong$ mv f1.txt f2txt
rahul@rahul:~/ong$ ls
 f2.txt  'newfile.txt -D '  'nextfile.txt M.D'
 f2txt    nextfile.txt       textme.txt
rahul@rahul:~/ong$
```

17 mv <filename> <path> : To move a directory to a specified path.

```
rahul@rahul:~/ong$ ls
 class1   f2.txt  'newfile.txt -D '  'nextfile.txt M.D'
 com      f2txt    nextfile.txt       textme.txt
rahul@rahul:~/ong$ mv f2.txt class1
rahul@rahul:~/ong$ ls
 class1   f2txt                nextfile.txt        textme.txt
 com      'newfile.txt -D '   'nextfile.txt M.D'
rahul@rahul:~/ong$ cd class1
rahul@rahul:~/ong/class1$ ls
 f2.txt
rahul@rahul:~/ong/class1$
```

18 cp <sorcename> <destination> : To copy the content of the file to a new/existing file.

```
rahul@rahul:~/ong$ ls
 class1   f2txt                nextfile.txt        textme.txt
 com      'newfile.txt -D '   'nextfile.txt M.D'
rahul@rahul:~/ong$ cp nextfile.txt textme.txt
rahul@rahul:~/ong$ ls
 class1   f2txt                nextfile.txt        textme.txt
 com      'newfile.txt -D '   'nextfile.txt M.D'
rahul@rahul:~/ong$
```

19 cp -v : Shows the execution and details of command.

```
rahul@rahul:~/ong$ cp -v  nextfile.txt textme.txt
'nextfile.txt' -> 'textme.txt'
rahul@rahul:~/ong$
```

20 cat -n : Shows the number with each line in a file.

```
rahul@rahul:~/ong$ cat file.txt
hello how are you
namaste
kasa ho aap log
yesss
rahul@rahul:~/ong$ cat -n file.txt
     1  hello how are you
     2  namaste
     3  kasa ho aap log
     4  yesss
rahul@rahul:~/ong$
```

21 tac or tail -r : Shows the content of a file in a reverse order.

```
rahul@rahul:~/ong$ cat file.txt
hello how are you
namaste
kasa ho aap log
yesss
rahul@rahul:~/ong$ tac file.txt
yesss
kasa ho aap log
namaste
hello how are you
rahul@rahul:~/ong$
```

22 cat <file1> >> <file2> : Displays the content of both files in file2.

```
rahul@rahul:~/ong$ cat file.txt >> omg.txt
rahul@rahul:~/ong$ cat omg.txt
that's an amazing
how good are you
I'm here
hello how are you
namaste
kasa ho aap log
yesss
rahul@rahul:~/ong$
```

23 rm <filename> : used to remove a file from system

```
rahul@rahul:~/ong$ ls
 class1    f2txt      'newfile.txt -D '   'nextfile.txt M.D'    textme.txt
 com        file.txt    nextfile.txt         omg.txt
rahul@rahul:~/ong$ rm omg.txt
rahul@rahul:~/ong$ ls
 class1    f2txt      'newfile.txt -D '   'nextfile.txt M.D'
 com        file.txt    nextfile.txt         textme.txt
rahul@rahul:~/ong$
```