1 whoami : To display username.

```
[smarty@Raghavs-MacBook-Air ~ % whoami
smarty
smarty@Raghavs-MacBook-Air ~ %
```

2 hostname : to display hostname.

```
[smarty@Raghavs-MacBook-Air ~ % hostname
Raghavs-MacBook-Air.local
smarty@Raghavs-MacBook-Air ~ %
```

3 ls : Display the list of directories.

```
[smarty@Raghavs-MacBook-Air ~ % ls
1.txt           Desktop         Downloads       Movies          Pictures        Raghav
Applications    Documents       Library         Music           Public
smarty@Raghavs-MacBook-Air ~ %
```

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

```
[smarty@Raghavs-MacBook-Air ~ % ls -al
total 64
drwxr-x---+ 20 smarty  staff     640 Oct  2 22:06 .
drwxr-xr-x   5 root    admin     160 Sep 27 21:26 ..
-r--------   1 smarty  staff       7 Sep 27 21:26 .CFUserTextEncoding
-rw-r--r--@  1 smarty  staff   10244 Sep 27 21:56 .DS_Store
drwx------+ 12 smarty  staff     384 Oct  2 17:36 .Trash
-rw-------   1 smarty  staff      20 Oct  2 17:10 .lesshst
-rw-------   1 smarty  staff     850 Sep 29 10:16 .viminfo
-rw-------   1 smarty  staff    1006 Oct  2 17:30 .zsh_history
drwx------  28 smarty  staff     896 Oct  2 22:06 .zsh_sessions
-rw-r--r--   1 smarty  staff      17 Sep 29 21:13 1.txt
drwx------@  3 smarty  staff      96 Sep 27 22:10 Applications
drwx------+  6 smarty  staff     192 Oct  2 22:09 Desktop
drwx------+  4 smarty  staff     128 Oct  2 17:31 Documents
drwx------+  6 smarty  staff     192 Sep 29 14:27 Downloads
drwx------@ 76 smarty  staff    2432 Sep 29 21:21 Library
drwx------   3 smarty  staff      96 Sep 27 21:26 Movies
drwx------+  4 smarty  staff     128 Sep 27 21:33 Music
drwx------+  5 smarty  staff     160 Sep 29 10:59 Pictures
drwxr-xr-x+  4 smarty  staff     128 Sep 27 21:26 Public
drwxr-xr-x   5 smarty  staff     160 Oct  2 17:08 Raghav
smarty@Raghavs-MacBook-Air ~ %
```

5 pwd : Display the current working directory.

```
[smarty@Raghavs-MacBook-Air Raghav % pwd
/Users/smarty/Raghav
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % cd
[smarty@Raghavs-MacBook-Air ~ % cd Raghav
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % cd ..
[smarty@Raghavs-MacBook-Air ~ % cd Raghav
```

8 touch<filename> : To create a file.

```
[smarty@Raghavs-MacBook-Air Raghav % touch file1.txt
[smarty@Raghavs-MacBook-Air Raghav % ls
dir1            dir2            f1.txt          f2.txt          file1.txt
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % nano newfile.txt
```

```
  UW PICO 5.09

Hello User's█
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % cat newfile.txt
Hello buddy!!
```

11 mkdir <dirname> : Creates a directory.

```
[smarty@Raghavs-MacBook-Air Raghav % mkdir sample1
[smarty@Raghavs-MacBook-Air Raghav % ls
dir1            dir2            newfile.txt     sample1
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % mkdir -v sample2
sample2
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % mkdir -p sample2/s3/s4
[smarty@Raghavs-MacBook-Air Raghav % cd sample
cd: no such file or directory: sample
[smarty@Raghavs-MacBook-Air Raghav % cd sample2
[smarty@Raghavs-MacBook-Air sample2 % ls
s3
[smarty@Raghavs-MacBook-Air sample2 % cd s3
[smarty@Raghavs-MacBook-Air s3 % ls
s4
[smarty@Raghavs-MacBook-Air s3 % cd s4
[smarty@Raghavs-MacBook-Air s4 % ls
smarty@Raghavs-MacBook-Air s4 %
```

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

```
smarty@Raghavs-MacBook-Air Raghav % ls
dir1            dir2            newfile.txt     sample1         sample2
[smarty@Raghavs-MacBook-Air Raghav % rm newfile.txt
[smarty@Raghavs-MacBook-Air Raghav % ls
dir1    dir2    sample1 sample2
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % rmdir rs
[smarty@Raghavs-MacBook-Air Raghav % ls
dir1     dir2     f2.txt  sample1 sample2
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % touch f1.txt f2.txt
[smarty@Raghavs-MacBook-Air Raghav % ls
dir1     dir2     f1.txt  f2.txt  sample1 sample2
[smarty@Raghavs-MacBook-Air Raghav % mv f1.txt f2.txt
[smarty@Raghavs-MacBook-Air Raghav % ls
dir1     dir2     f2.txt  sample1 sample2
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % mv f2.txt dir1
[smarty@Raghavs-MacBook-Air Raghav % ls
dir1     dir2     sample1 sample2
[smarty@Raghavs-MacBook-Air Raghav % cd dir1
[smarty@Raghavs-MacBook-Air dir1 % ls
dir2     f2.txt
smarty@Raghavs-MacBook-Air dir1 % 
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % cp f1.txt f2.txt
[smarty@Raghavs-MacBook-Air Raghav % ls
dir1     dir2     f1.txt  f2.txt  sample1 sample2
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % cp -v f1.txt f2.txt
f1.txt -> f2.txt
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % nano f1.txt
[smarty@Raghavs-MacBook-Air Raghav % cp f1.txt f2.txt
[smarty@Raghavs-MacBook-Air Raghav % cat -n f2.txt
     1  YoYOYO
     2  BYEEE!!😀
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % nano f1.txt
[smarty@Raghavs-MacBook-Air Raghav % tail -r f1.txt
WORLD!!✌🏻
HELLO
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % cat f1.txt >> f2.txt
[smarty@Raghavs-MacBook-Air Raghav % cat f2.txt
YoYOYO
BYEEE!!😀
HELLO
WORLD!!✌🏻
```

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

```
[smarty@Raghavs-MacBook-Air Raghav % rm f1.txt
[smarty@Raghavs-MacBook-Air Raghav % ls
dir1     dir2     f2.txt   sample1 sample2
smarty@Raghavs-MacBook-Air Raghav % ▓
```