

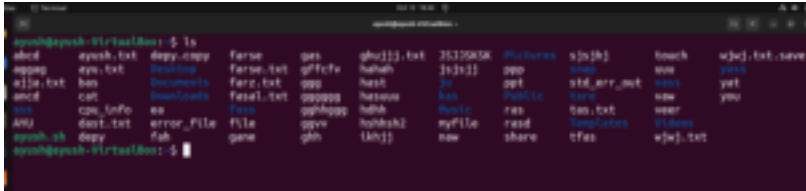
- ### 1. Whoami : To display username



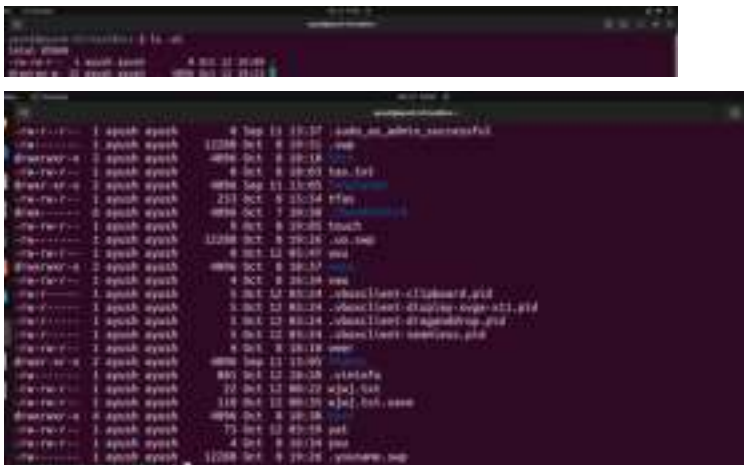
2. hostname:To display hostname



3. **ls** : To display the list of directories



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



5. pwd : To display the present working directory



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



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



8. touch <file name > : To create a file

```
ayush@ayush-VirtualBox: ~$ touch file.txt
ayush@ayush-VirtualBox: ~$ ls
file.txt  hp
ayush@ayush-VirtualBox: ~$
```

9. vi /nano: create a file and open in write mode

```
ayush@ayush-VirtualBox: ~$ nano myfile.txt

ayush@ayush-VirtualBox: ~$
```

```
ayush@ayush-VirtualBox: ~$ cat myfile.txt
hello starts
```

10. cat <file name> : Display the content in file

```
ayush@ayush-VirtualBox: ~$ cat nano
hello starts
```

11. mkdir < directory name >: create a directory

```
ayush@ayush-VirtualBox: ~$ mkdir many
ayush@ayush-VirtualBox: ~$ ls
ayush.txt  many  farse.txt  app  hahh  nano  file.txt  touch  wjd.txt
ayush@ayush-VirtualBox: ~$
```

12 . mkdir -p<dirname1/dirname2>: create a directory with in a directory

```
ayush@ayush-VirtualBox: ~$ mkdir -p many/s1/s2
ayush@ayush-VirtualBox: ~$ cd many
ayush@ayush-VirtualBox: ~/many$ ls
s1
ayush@ayush-VirtualBox: ~/many$ cd s1
ayush@ayush-VirtualBox: ~/many/s1$ ls
s2
ayush@ayush-VirtualBox: ~/many/s1$ cd s2
ayush@ayush-VirtualBox: ~/many/s1/s2$ ls
ayush@ayush-VirtualBox: ~/many/s1/s2$
```

13. rm <filename>: to remove/delete a file

```
ayush@ayush-VirtualBox: ~$ ls
ayush.txt  many  farse.txt  app  hahh  nano  file.txt  touch  wjd.txt
ayush@ayush-VirtualBox: ~$ rm ayush.txt
ayush@ayush-VirtualBox: ~$ ls
ayush.txt  many  farse.txt  app  hahh  nano  file.txt  touch  wjd.txt
ayush@ayush-VirtualBox: ~$
```

14. rmdir < dirname>: to remove or delete a directory

```
ayush@ayush-VirtualBox: ~$ rmdir many
ayush@ayush-VirtualBox: ~$ ls
ayush.txt  many  farse.txt  app  hahh  nano  file.txt  touch  wjd.txt
ayush@ayush-VirtualBox: ~$
```

15. mv <filename> <filename > : to rename a file

```
ayush@ayush-VirtualBox: ~$ touch file1.txt file2.txt
ayush@ayush-VirtualBox: ~$ ls
ayush.txt  many  farse.txt  app  hahh  nano  file.txt  touch  wjd.txt
ayush@ayush-VirtualBox: ~$
```

```
ls -la
total 12
drwxr-xr-x 2 root root 4096 Jan 10 10:10 .
drwxr-xr-x 1 root root 4096 Jan 10 10:10 ..
-rw-r--r-- 1 root root   10 Jan 10 10:10 file1.txt
-rw-r--r-- 1 root root   10 Jan 10 10:10 file2.txt
```

```
root@kali:~/Documents# mv file1.txt file2.txt
root@kali:~/Documents# ls
file2.txt
```

```
ls -la
total 12
drwxr-xr-x 2 root root 4096 Jan 10 10:10 .
drwxr-xr-x 1 root root 4096 Jan 10 10:10 ..
-rw-r--r-- 1 root root   10 Jan 10 10:10 file1.txt
-rw-r--r-- 1 root root   10 Jan 10 10:10 file2.txt
```

16. cp <source name> <destination>:

To copy the content of file to new file

```
root@kali:~/Documents# cp file1.txt file2.txt
root@kali:~/Documents# ls
file1.txt  file2.txt
```

```
ls -la
total 12
drwxr-xr-x 2 root root 4096 Jan 10 10:10 .
drwxr-xr-x 1 root root 4096 Jan 10 10:10 ..
-rw-r--r-- 1 root root   10 Jan 10 10:10 file1.txt
-rw-r--r-- 1 root root   10 Jan 10 10:10 file2.txt
```

17. cp - v : show the execution and details of command

```
root@kali:~/Documents# cp -v file1.txt file2.txt
copying file1.txt to file2.txt
```

18. cat -n : shows the number with each line in file

```
root@kali:~/Documents# cat -n file1.txt
1 how are you
```

19. tac or tail - r : shows the content of file in reverse order

```
root@kali:~/Documents# cat -n file1.txt
1 how are you
```

20. cat <file1> >>

<file2>: to display the content of both files in file 2

```
root@kali:~/Documents# cat file1.txt >> file2.txt
root@kali:~/Documents# cat file2.txt
1 how are you
1 how are you
```

21. rm <filename> : used to remove a file from the system

```
root@kali:~/Documents# rm file1.txt
root@kali:~/Documents# ls
file2.txt
```