

21BCE7371
RADHA KRISHNA GARG

LINUX COMMANDS

1. Who

```
akash@akash-VirtualBox: ~  
akash@akash-VirtualBox:~$ who  
akash      :0                2021-03-26 23:04 (:0)  
akash@akash-VirtualBox:~$
```

2.whoami

```
akash@akash-VirtualBox:~$ whoami  
akash  
akash@akash-VirtualBox:~$
```

3. tty

```
1 $tty  
LinuxForDevices> tty  
/dev/pts/0
```

4. Pwd

\$pwd

```
linuxopsys@linux:~$ pwd  
/home/linuxopsys  
linuxopsys@linux:~$
```

5.echo

```
$ echo Tecmint is a community of Linux Nerds
```

```
Tecmint is a community of Linux Nerds
```

6. Cat

```
# cat /etc/passwd
```

```
root:x:0:0:root:/root:/bin/bash
```

```
bin:x:1:1:bin:/bin:/sbin/nologin
```

```
narad:x:500:500::/home/narad:/bin/bash
```

7. Sort

```
Linux@linux:~/Desktop$ cat name.txt
```

```
Jhon  
Smith  
Alex  
Jungkook  
Dave  
Seth  
Wade  
Jorge
```

```
Linux@linux:~/Desktop$ sort name.txt
```

```
Alex  
Dave  
Jhon  
Jorge  
Jungkook  
Seth  
Smith  
Wade
```

8.grep

```
grep -i red exm.txt
```

```
Apple is red.  
Mango is yellow.  
your dress colour is Red.  
red colour suits on all.  
sssit@JavaTpoint:~$  
sssit@JavaTpoint:~$ grep -i red exm.txt  
Apple is red.  
your dress colour is Red.  
red colour suits on all.
```

9. Clear

```
clear
```

Before

```
$ echo Alex  
Alex  
$ echo Hello  
Hello  
$ echo Linux  
Linux  
$ clear
```

After

```
$
```

10. ls

Ls

```
a          Desktop      examples.desktop  Music      sample
Akash      Directory     hello.c          pico       snap
a.out      Documents    hello.i          Pictures   Templates
composer.phar Downloads    hello.o          project    Test.txt
Demo.sh    eclipse      hello.s          Public     Videos
Demo.txt   eclipse-installer index.html       Python
Demo.txt~  eclipse-workspace mail             Python-3.8.0
```

11. Date

date

```
Fri May 22 21:51:05 IST 2020
```

12. Mkdir

1. mkdir <directory name>

```
mkdir new_directory
```

13. mv

mv <file name> <directory path>

```
mv demo.txt Directory
```

14. Rm

rm <file name>

```
/Newfolder$ rm Demo.txt
/Newfolder$ rm Demo1.txt Demo2.txt
```

15. Cd

1. cd <directory name>

```
~$ cd Desktop  
~/Desktop$
```

16. Cp

1. cp <existing file name> <new file name>

```
~$ cp demo.txt demo1.txt  
~$ cp demo.txt Documents
```

17. Touch

1. touch <file name>
2. touch <file1> <file2>

```
$ touch Demo.txt  
$ touch Demo1.txt Demo2.txt  
$ ls
```

18. Cal

1. cal<

```
      May 2020  
Su Mo Tu We Th Fr Sa  
          1  2  
 3  4  5  6  7  8  9  
10 11 12 13 14 15 16  
17 18 19 20 21 22 23  
24 25 26 27 28 29 30  
31
```

19. Wc

1. wc <file name>

```
javatpoint@javatpoint-Inspiron-5542:~$ wc marks.txt  
6  6 52 marks.txt
```

```
export "PS1=$ "  
$ pwd  
/home/cg/root/632044dfc711a  
$ mkdir folder1  
$ cd folder1  
$ pwd  
/home/cg/root/632044dfc711a/folder1  
$ echo "OS ASSIGNMENT 1!"  
OS ASSIGNMENT 1!  
$ ping google.com  
ping: socket: Operation not permitted  
$ uname  
Linux  
$ hostname  
c88e834aa0cb  
$ jobs  
$ useradd u1  
useradd: Permission denied.  
useradd: cannot lock /etc/passwd; try again later.  
$ find notes.tx  
tfind: 'notes.txt': No such file or directory  
$ |
```