

## Commands for Linux

```
subhajit@Rocky-Lapy:~$ ls
rocky
subhajit@Rocky-Lapy:~$ pwd
/home/subhajit
subhajit@Rocky-Lapy:~$ ls -l
total 4
-rw-r--r-- 1 subhajit subhajit 12 Jan 12 22:29 rocky
subhajit@Rocky-Lapy:~$ ls -la
total 16
drwxr-x--- 2 subhajit subhajit 4096 Jan 12 22:30 .
drwxr-xr-x 3 root      root      4096 Jan 12 12:50 ..
-rw----- 1 subhajit subhajit   49 Jan 12 22:30 .bash_history
-rw-r--r-- 1 subhajit subhajit    0 Jan 12 22:29 .motd_shown
-rw-r--r-- 1 subhajit subhajit   12 Jan 12 22:29 rocky
subhajit@Rocky-Lapy:~$ cd ..
subhajit@Rocky-Lapy:/home$ ls
subhajit
subhajit@Rocky-Lapy:/home$ pwd
/home
subhajit@Rocky-Lapy:/home$ ls -l
total 4
drwxr-x--- 2 subhajit subhajit 4096 Jan 12 22:30 subhajit
subhajit@Rocky-Lapy:/home$ ls -la
total 12
drwxr-xr-x  3 root      root      4096 Jan 12 12:50 .
drwxr-xr-x 19 root      root      4096 Jan 12 20:51 ..
drwxr-x---  2 subhajit subhajit 4096 Jan 12 22:30 subhajit
subhajit@Rocky-Lapy:/home$ cd ..
subhajit@Rocky-Lapy:/ $ pwd
/
subhajit@Rocky-Lapy:/ $ ls
bin  dev  home  lib    lib64  lost+found  mnt  proc  run  snap  sys  usr
boot etc  init  lib32  libx32  media      opt  root  sbin  srv   tmp  var
```

```
subhajit@Rocky-Lapy:~$ ls
file  rocky
subhajit@Rocky-Lapy:~$ pwd
/home/subhajit
subhajit@Rocky-Lapy:~$ touch file
subhajit@Rocky-Lapy:~$ cat > file2
hello world
^Z
[1]+  Stopped                  cat > file2
subhajit@Rocky-Lapy:~$ cat file2
hello world
subhajit@Rocky-Lapy:~$ cat >> file2
have a good day
^Z
[2]+  Stopped                  cat >> file2
subhajit@Rocky-Lapy:~$ cat file2
hello world
have a good day
subhajit@Rocky-Lapy:~$ mkdir new folder
subhajit@Rocky-Lapy:~$ mkdir abcdefg
subhajit@Rocky-Lapy:~$ mkdir ss pp qq ww ee
subhajit@Rocky-Lapy:~$ ls
abcdefg  ee  file  file2  folder  new  pp  qq  rocky  ss  ww
subhajit@Rocky-Lapy:~$
```

```
subhajit@Rocky-Lapy:/home$ ls
subhajit
subhajit@Rocky-Lapy:/home$ cd
subhajit@Rocky-Lapy:~$ ls
abcdefg ee file file2 folder new pp qq rocky ss ww
subhajit@Rocky-Lapy:~$ cp file2 /pp
cp: cannot create regular file '/pp': Permission denied
subhajit@Rocky-Lapy:~$ sudo cp file2 /pp
subhajit@Rocky-Lapy:~$ cd pp
subhajit@Rocky-Lapy:~/pp$ ls
subhajit@Rocky-Lapy:~/pp$ cd ..
subhajit@Rocky-Lapy:~$ ls
abcdefg ee file file2 folder new pp qq rocky ss ww
subhajit@Rocky-Lapy:~$ mv qq /ss
mv: cannot move 'qq' to '/ss': Permission denied
subhajit@Rocky-Lapy:~$ sudo mv qq /ss
subhajit@Rocky-Lapy:~$ cd ss
subhajit@Rocky-Lapy:~/ss$ ls
subhajit@Rocky-Lapy:~/ss$ ls -l
total 0
```



```
subhajit@Rocky-Lapy:~/ss$ cd ..
subhajit@Rocky-Lapy:~$ rm file
subhajit@Rocky-Lapy:~$ ls
abcdefg ee file2 folder new pp rocky ss ww
subhajit@Rocky-Lapy:~$ rm file2
subhajit@Rocky-Lapy:~$ ls
abcdefg ee folder new pp rocky ss ww
subhajit@Rocky-Lapy:~$ rm -r folder
subhajit@Rocky-Lapy:~$ ls
abcdefg ee new pp rocky ss ww
subhajit@Rocky-Lapy:~$ rm -r ss ww ee
subhajit@Rocky-Lapy:~$ ls
abcdefg new pp rocky
subhajit@Rocky-Lapy:~$ rm rocky
subhajit@Rocky-Lapy:~$ rm -r abcdefg new pp
subhajit@Rocky-Lapy:~$ ls
subhajit@Rocky-Lapy:~$
```

```
subhajit@Rocky-Lapy:~$ touch file1
subhajit@Rocky-Lapy:~$ ls
file1
subhajit@Rocky-Lapy:~$ mkdir folder
subhajit@Rocky-Lapy:~$ ls
file1  folder
subhajit@Rocky-Lapy:~$ mv folder folder 2
mv: target '2' is not a directory
subhajit@Rocky-Lapy:~$ mv folder folder2
subhajit@Rocky-Lapy:~$ ls
file1  folder2
subhajit@Rocky-Lapy:~$ mv file1 file2
subhajit@Rocky-Lapy:~$ ls
file2  folder2
subhajit@Rocky-Lapy:~$ cat > hello
how are you
^Z
[3]+  Stopped                  cat > hello
subhajit@Rocky-Lapy:~$ cat hello
how are you
subhajit@Rocky-Lapy:~$
```



```

subhajit@Rocky-Lapy:/home$ ls
subhajit
subhajit@Rocky-Lapy:/home$ pwd
/home
subhajit@Rocky-Lapy:/home$ cd ..
subhajit@Rocky-Lapy:/$ ls
bin  dev  f1    init  lib32  libx32  media  opt  proc  run  snap  ss  tmp  var
boot etc  home  lib   lib64  lost+found  mnt    pp   root  sbin  srv   sys  usr
subhajit@Rocky-Lapy:/$ pwd
/
subhajit@Rocky-Lapy:/$ ls -l
total 1484
lrwxrwxrwx  1 root    root          7 Oct 26 03:04 bin -> usr/bin
drwxr-xr-x  2 root    root        4096 Apr 18  2022 boot
drwxr-xr-x  9 root    root        3000 Jan 12 20:51 dev
drwxr-xr-x 73 root    root        4096 Jan 12 20:51 etc
-rw-r--r--  1 root    root         28 Jan 12 22:48 f1
drwxr-xr-x  3 root    root        4096 Jan 12 12:50 home
-rwxr-xr-x  4 root    root       1440152 May  7  2022 init
lrwxrwxrwx  1 root    root          7 Oct 26 03:04 lib -> usr/lib
lrwxrwxrwx  1 root    root          9 Oct 26 03:04 lib32 -> usr/lib32
lrwxrwxrwx  1 root    root          9 Oct 26 03:04 lib64 -> usr/lib64
lrwxrwxrwx  1 root    root         10 Oct 26 03:04 libx32 -> usr/libx32
drwx----- 2 root    root       16384 Apr 10  2019 lost+found
drwxr-xr-x  2 root    root        4096 Oct 26 03:04 media
drwxr-xr-x  7 root    root        4096 Jan 12 12:47 mnt
drwxr-xr-x  2 root    root        4096 Oct 26 03:04 opt
-rw-r--r--  1 root    root         28 Jan 12 22:50 pp
dr-xr-xr-x 253 root    root          0 Jan 12 20:51 proc
drwx----- 2 root    root        4096 Jan 12 20:54 root
drwxr-xr-x  7 root    root        160 Jan 12 20:54 run
lrwxrwxrwx  1 root    root          8 Oct 26 03:04 sbin -> usr/sbin
drwxr-xr-x  8 root    root        4096 Oct 26 03:06 snap
drwxr-xr-x  2 root    root        4096 Oct 26 03:04 srv
drwxr-xr-x  2 subhajit subhajit    4096 Jan 12 22:43 ss
dr-xr-xr-x 11 root    root          0 Jan 12 20:51 sys
drwxrwxrwt  2 root    root        4096 Jan 12 20:51 tmp
drwxr-xr-x 14 root    root        4096 Oct 26 03:04 usr
drwxr-xr-x 13 root    root        4096 Oct 26 03:05 var
subhajit@Rocky-Lapy:/$

```

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