





# 2. Linux Directory Commands







# **Linux Directory Commands**

Directory Command	Description
pwd	The pwd command stands for (print working directory). It displays the current working location or directory of the user. It displays the whole working path starting with /. It is a built-in command.
ls	The Is command is used to show the list of a folder. It will list out all the files in the directed folder.
cd	The cd command stands for (change directory). It is used to change to the directory you want to work from the present directory.
mkdir	With mkdir command you can create your own directory.
rmdir	The rmdir command is used to remove a directory from your system.





#### **Examples-**

1. **pwd** 

```
ubuntu@ip-172-31-80-168:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-80-168:~$
```

2. ls

```
ubuntu@ip-172-31-80-168:/$ ls
                  1ib32
                          libx32
                                       media opt
                                                            sbin
      dev
           home
                                                     root
                                                                  srv
                                                                        tmp
                                                                             var
            lib
                  1ib64
                          lost+found
                                               proc
                                                     run
```

ls -a list all files including hidden file starting with '.'

```
ubuntu@ip-172-31-80-168:/$ ls
                   1ib32
bin
      dev
            home
                           libx32
                                        media
                                                             sbin
                                                                         tmp
                                                opt
                                                       root
                                                                    srv
                                                                               var
            lib
                   lib64
                           lost+found
                                        mnt
boot
      etc
                                                                         usr
                                                proc
                                                       run
                                                             snap
                                                                    SYS
```

- 3. ls -lrt -l list with long format show permissions
  - -r list in reverse order
  - -t sort by time & date

```
-172-31-80-168:/$
otal 64
                                                                usr/sbin
rwxrwxrwx
                 root
                                                      sbin
                        root
                                                       7ib64
rwxrwxrwx
                 root
                        root
                                                             -> usr/lib32
> usr/lib
                                           21
                                                       1ib32
                                               14:07
rwxrwxrwx
                 root
                       root
                                     Apr
                                                      lib -> usr/lib
bin -> usr/bin
libx32 -> usr/libx32
                                               14:07
rwxrwxrwx
                 root
                       root
                                          21
21
21
21
21
21
                                               14:07
14:07
                 root
                       root
rwx rwx rwx
                                  10
rwxrwxrwx
                 root
                        root
                               4096
                 root
                       root
                                               14:07
                 root
                               4096
                                               14:07
                                                      opt
                               4096
                 root root
                                               14:07
                 root
                        root
                               4096
                                               14:07
                                                      media
                                4096
                                               14:07
                 root
                        root
                                                      usr
                 root
                        root
                                4096
                                               14:08
                                                      var
                              16384
                                               14:09
                                                      lost+found
                 root
                        root
                                           21
                               4096
                                               14:11
                 root
                        root
                                      Apr
                                                      snap
                 root
                                                      boot
                        root
                                   0
                                      Jun
                                               13:14
                 root
                        root
                                                      SYS
            158
                 root
                        root
                                   O
                                      Jun
                 root
                        root
                               4096
                                      Jun
                                                      home
                                3200
                                      Jun
                                                      dev
                                                      root
                 root
                                4096
                                      Jun
                 root
                        root
                                4096
                                      Jun
```

4. cd ~ Change to home directory

```
ubuntu@ip-172-31-80-168:/$ cd ~
ubuntu@ip-172-31-80-168:~$
```





5. cd / Change to root directory

6. cd.. Change to parent directory

```
ubuntu@ip-172-31-80-168:/etc$ cd ..
ubuntu@ip-172-31-80-168:/$
```

7. cd folder Change to subdirectory var

- 8. mkdir Stands for 'make directory'. With the help of mkdir command, you can create a new directory wherever you want in your system.
- 9. rmdir remove files