1.Echo $0- it shows the shell

```
ubuntu@ubuntu:~/Desktop$ echo $0
bash          .
ubuntu@ubuntu:~/Desktop$
```

2./- Shows root directory

```
ubuntu@ubuntu:~/Desktop$ /
bash: /: Is a directory
ubuntu@ubuntu:~/Desktop$
```

3. ~ - It shows home directory

```
ubuntu@ubuntu:~/Desktop$ ~
bash: /home/ubuntu: Is a directory
ubuntu@ubuntu:~/Desktop$
```

4. pwd -present working directory

```
ubuntu@ubuntu:~/Desktop$ pwd
/home/ubuntu/Desktop
ubuntu@ubuntu:~/Desktop$
```

5. cd- change directory

```
ubuntu@ubuntu:~/Desktop$ cd
ubuntu@ubuntu:~$
```

6. cd.. – one step back

```
ubuntu@ubuntu:~$ cd ..
ubuntu@ubuntu:/home$
```

7.cd ../.. – Two stepback

```
ubuntu@ubuntu:/$ cd ../..
ubuntu@ubuntu:/$
```

8. ls –list

```
ubuntu@ubuntu:/$ ls
autoinstall.yaml   boot    etc    lib64                mnt    rofs   sbin               srv   usr
bin                cdrom   home   lib.usr-is-merged    opt    root   sbin.usr-is-merged  sys   var
bin.usr-is-merged  dev     lib    media                proc   run    snap               tmp
ubuntu@ubuntu:/$
```

9. ls-l -long list

```
ubuntu@ubuntu:/$ ls -l
total 8
-rw-r--r--    1 root root  986 Aug 25 09:07 autoinstall.yaml
lrwxrwxrwx    1 root root    7 Apr 22  2024 bin -> usr/bin
drwxr-xr-x    2 root root    3 Feb 26  2024 bin.usr-is-merged
drwxr-xr-x    1 root root  202 Aug  5 17:38 boot
dr-xr-xr-x   10 root root 2208 Aug 25 09:06 cdrom
drwxr-xr-x   19 root root 4180 Aug 28 10:56 dev
drwxr-xr-x    1 root root  780 Aug 25 09:07 etc
drwxr-xr-x    1 root root   80 Aug 25 09:06 home
lrwxrwxrwx    1 root root    7 Apr 22  2024 lib -> usr/lib
lrwxrwxrwx    1 root root    9 Apr 22  2024 lib64 -> usr/lib64
drwxr-xr-x    2 root root    3 Apr  8  2024 lib.usr-is-merged
drwxr-xr-x    1 root root   60 Aug 25 09:06 media
drwxr-xr-x    2 root root    3 Aug  5 16:48 mnt
drwxr-xr-x    2 root root    3 Aug  5 16:48 opt
dr-xr-xr-x  271 root root    0 Aug 25 09:06 proc
drwxr-xr-x   21 root root  369 Aug  5 16:54 rofs
drwx------    1 root root   80 Aug 25 09:06 root
drwxr-xr-x   39 root root 1100 Aug 28 10:18 run
lrwxrwxrwx    1 root root    8 Apr 22  2024 sbin -> usr/sbin
drwxr-xr-x    2 root root    3 Mar 31  2024 sbin.usr-is-merged
drwxr-xr-x    1 root root   58 Aug  5 17:38 snap
drwxr-xr-x    2 root root   .3 Aug  5 16:48 srv
dr-xr-xr-x   13 root root    0 Aug 28 11:59 sys
drwxrwxrwt   23 root root  480 Aug 28 10:58 tmp
drwxr-xr-x    1 root root  100 Aug  5 16:48 usr
drwxr-xr-x    1 root root  220 Aug 25 09:07 var
ubuntu@ubuntu:/$
```

10. ls -a -show hidden files

```
ubuntu@ubuntu:/$ ls -a
.               bin               cdrom  home   lib.usr-is-merged  opt   root  sbin.usr-is-merged  sys  var
..              bin.usr-is-merged dev    lib    media          .       proc  run   snap                tmp
autoinstall.yaml boot             etc    lib64  mnt                    rofs  sbin  srv                 usr
ubuntu@ubuntu:/$
```

11. mkdir-to create directory

```
ubuntu@ubuntu:~$ mkdir FILE
ubuntu@ubuntu:~$ ls
Desktop  DEVOPS  Documents  Downloads  FILE  Music  Pictures  Public  snap  techie_horizon  Templates  Videos
ubuntu@ubuntu:~$
```

12.mv-to rename and move to directory

```
ubuntu@ubuntu:~$ mv FILE file
ubuntu@ubuntu:~$ ls
Desktop  DEVOPS  Documents  Downloads  file  Music  Pictures  Public  snap  techie_horizon  Templates  Videos
ubuntu@ubuntu:~$
```

13. touch -to create a file

```
ubuntu@ubuntu:~$ touch DEV_OPS.txt
ubuntu@ubuntu:~$ ls
Desktop   DEV_OPS.txt  Downloads  Music     Public  techie_horizon  Videos
DEVOPS    Documents    file       Pictures  snap    Templates
ubuntu@ubuntu:~$ █
```

14. History- to show the history

```
ubuntu@ubuntu:~/Desktop$ history
    1  ltr
    2  ls
    3  mkdir
    4  mkdir-pd1/d2/d3
    5  echo
    6  cd/
    7  pwd
    8  ls
    9  echo
   10  Echo $0
   11  echo $0
   12  cd/
   13  /
   14  ~
   15  pwd
   16  cd..
   17  cd ..
   18  cd ../..
   19  cd ../ .. •
   20  cd../..
   21  cd ../..
   22  ls
   23  ls-l
   24  ls-1
   25  lsl
   26  ls -l
   27  ls -l
   28  ls -a
   29  mkdir DEVEOPS
   30  LS
   31  vi
   32  vi
```

15 .date- if we need to see date

```
ubuntu@ubuntu:~/Desktop$ date
Thu Aug 28 02:35:54 PM UTC 2025
ubuntu@ubuntu:~/Desktop$
```