

- ls
- pwd
- cd /pwd
- ls -l (a list of all files and folders)
- ls -a (a list of all hidden files)

Some commands

```
vishal@MSI:~$ ls -la
total 10320
drwxr-xr-x 36 vishal vishal    4096 Nov  6 11:23 .
drwxr-xr-x  3 root  root     4096 Jun 24  2022 ..
-rw-----  1 vishal vishal    1220 Oct 29 06:10 .ICEauthority
-rw-----  1 vishal vishal     487 Oct 29 06:10 .Xauthority
lrwxrwxrwx  1 vishal vishal     23 Nov 17  2022 .aws -> /mnt/c/Users/visha/.aws
lrwxrwxrwx  1 vishal vishal     25 Nov 17  2022 .azure -> /mnt/c/Users/visha/.azure
-rw-----  1 vishal vishal   11239 Nov  6 11:23 .bash_history
```

LIST OF AVAILABLE HIDDEN FILES

last modified

group name, this can be for example MIT\_csail or IBM\_IT

"-" → a file

file owner name

```
vishal@MSI:~$ ls -l
total 120
drwxr-xr-x  2 vishal vishal  4096 Oct 27 05:34 Desktop
drwxr-xr-x  2 vishal vishal  4096 Oct 27 05:34 Documents
drwxr-xr-x  2 vishal vishal  4096 Oct 27 05:34 Downloads
drwxr-xr-x  4 vishal vishal  4096 Oct 31 23:57 Missing_semester
drwxr-xr-x  2 vishal vishal  4096 Oct 27 05:34 Music
```

LIST OF AVAILABLE  
FILES/DIRECTORIES

'r' - read access

'w' - write access

'd' - a directory

```
vishal@MSI:~$ echo $SHELL
/bin/bash
```

NAME OF THE SHELL

**A shell is usually a CLI or GUI which  
allows user - OS interaction**

- mkdir {directory\_name} (to create a new directory)

```
vishal@MSI:~$ pwd
/home/vishal
vishal@MSI:~$ mkdir learn_missing_semester
vishal@MSI:~$ cd l
label_studio_src/      learn_missing_semester/ logs/
vishal@MSI:~$ cd learn_missing_semester/
vishal@MSI:~/learn_missing_semester$ cd .
vishal@MSI:~/learn_missing_semester$ cd ..
vishal@MSI:~$ cd learn_missing_semester/
vishal@MSI:~/learn_missing_semester$ ls -la
total 8
drwxr-xr-x  2 vishal vishal 4096 Dec 17 22:13 .
drwxr-xr-x 39 vishal vishal 4096 Dec 17 22:13 ..
vishal@MSI:~/learn_missing_semester$
```

Folder  
itself

Folder  
one  
level  
above

```
vishal@MSI:~$ cat /etc/shells
# /etc/shells: valid login shells
/bin/sh
/bin/bash
/usr/bin/bash
/bin/rbash
/usr/bin/rbash
/bin/dash
/usr/bin/dash
/usr/bin/tmux
/usr/bin/screen
vishal@MSI:~$
```

```
vishal@MSI:~$ mkdir missing_semester
vishal@MSI:~$ cd missing_semester/
vishal@MSI:~/missing_semester$ ls -l
total 0
vishal@MSI:~/missing_semester$ ls -la
total 8
drwxr-xr-x  2 vishal vishal 4096 Nov 14 17:48 .
drwxr-xr-x 36 vishal vishal 4096 Nov 14 17:48 ..
vishal@MSI:~/missing_semester$
```