

1. Who am I : To get the username

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

2. Hostname : To get the hostname

```
kashish@kashish-VirtualBox:~$ hostname  
kashish-VirtualBox  
kashish@kashish-VirtualBox:~$
```

3. Is : to list the directions

```
kashish@kashish-VirtualBox:~$ ls  
Desktop  dir5dir1  haru      mki.txt  noon.txt  snap      Vi  
dir       Documents madam     mon      Pictures  teach  
dir1dir2 Downloads min.txt   Music    Public    Templates  
dir5      file.txt  mki.touch non       sir       ujj  
kashish@kashish-VirtualBox:~$
```

4. Is -al : list the direction including hidden and with other details



```
kashish@kashish-VirtualBox:~$ ls -la
total 124
drwxr-x--- 22 kashish kashish 4096 Sep 29 14:11 .
drwxr-xr-x  3 root    root    4096 Sep 19 23:25 ..
-rw-----  1 kashish kashish  518 Sep 29 14:14 .bash_history
-rw-r--r--  1 kashish kashish  220 Sep 19 23:25 .bash_logout
-rw-r--r--  1 kashish kashish 3771 Sep 19 23:25 .bashrc
drwx----- 10 kashish kashish 4096 Sep 19 23:52 .cache
drwx----- 10 kashish kashish 4096 Sep 22 13:24 .config
drwxr-xr-x  3 kashish kashish 4096 Sep 29 14:09 Desktop
drwxrwxr-x  2 kashish kashish 4096 Sep 28 21:54 dir
drwxrwxr-x  2 kashish kashish 4096 Sep 28 21:56 dir1dir2
drwxrwxr-x  2 kashish kashish 4096 Sep 28 22:13 dir5
drwxrwxr-x  2 kashish kashish 4096 Sep 28 22:14 dir5dir1
drwxr-xr-x  2 kashish kashish 4096 Sep 19 23:51 Documents
drwxr-xr-x  2 kashish kashish 4096 Sep 19 23:51 Downloads
drwxrwxr-x  3 kashish kashish 4096 Sep 22 13:46 file.txt
drwx-----  2 kashish kashish 4096 Sep 29 13:56 group
```

5. Pwd : to see the directory you are currently working with

```
kashish@kashish-VirtualBox:~$ pwd
/home/kashish
kashish@kashish-VirtualBox:~$
```

6. Cd< directory name> : to enter the directory

```
kashish@kashish-VirtualBox:~$ mkdir kashh.txt
kashish@kashish-VirtualBox:~$ cd kashh.txt
kashish@kashish-VirtualBox:~/kashh.txt$
```

7. Cd.. : to go to previous directory

```
kashish@kashish-VirtualBox:~/kashh.txt$ cd ..
kashish@kashish-VirtualBox:~$ \
```



8. Cd : to go to home directory

```
kashish@kashish-VirtualBox:~$ cd  
kashish@kashish-VirtualBox:~$
```

9. Cd<path> : open a particular directory using path

Mkdir<directory name> :create a directory

```
kashish@kashish-VirtualBox:~$ mkdir sample  
kashish@kashish-VirtualBox:~$
```

10. Touch <file name> :to create a file

```
kashish@kashish-VirtualBox:~$ touch clg.txt  
kashish@kashish-VirtualBox:~$ ls  
clg.txt      dir5      haru      mki.touch  noon.txt   teach  
college.txt  dir5dir1  kashh     mki.txt    Pictures   Templates  
Desktop      Documents kashh.txt mon         Public     ujju  
dir          Downloads madam      Music       sir        Videos  
dir1dir2     file.txt  min.txt   non         snap  
kashish@kashish-VirtualBox:~$
```

11. Mkdir -help: help in mkdir



```

kashish@kashish-VirtualBox:~$ mkdir --help
Usage: mkdir [OPTION]... DIRECTORY...
Create the DIRECTORY(ies), if they do not already exist.

Mandatory arguments to long options are mandatory for short options too.
-m, --mode=MODE      set file mode (as in chmod), not a=rwx - umask
-p, --parents         no error if existing, make parent directories as needed
-v, --verbose        print a message for each created directory
-Z                  set SELinux security context of each created directory
                    to the default type
--context[=CTX]      like -Z, or if CTX is specified then set the SELinux
                    or SMACK security context to CTX
--help              display this help and exit
--version           output version information and exit

GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
Full documentation <https://www.gnu.org/software/coreutils/mkdir>
or available locally via: info '(coreutils) mkdir invocation'
kashish@kashish-VirtualBox:~$

```

12. `Mkdir -p <directory name/next directory>`  
:create a directory path

```

kashish@kashish-VirtualBox:~$ mkdir -p college/jammu/miet
kashish@kashish-VirtualBox:~$ cd college
kashish@kashish-VirtualBox:~/college$ ls
jammu
kashish@kashish-VirtualBox:~/college$ cd jammu
kashish@kashish-VirtualBox:~/college/jammu$ ls
miet
kashish@kashish-VirtualBox:~/college/jammu$ cd miet
kashish@kashish-VirtualBox:~/college/jammu/miet$ ls
kashish@kashish-VirtualBox:~/college/jammu/miet$

```

13. `Mkdir -v<directory name>` : create a directory  
and give output for status



```
kashish@kashish-VirtualBox:~/college/jammu/miet$ mkdir -v sample
mkdir: created directory 'sample'
kashish@kashish-VirtualBox:~/college/jammu/miet$
```

