**Linux Basic commands:**

**1.Pwd:** **Present working directory**

Check current directory (folder))

(See path of folder current directory)

**Command- pwd**

**2. ls: list**

To show list of all files/folders inside current directory)

**Commands-**

**ls:** list files folders without details

**ls -al:** all list

list all files with details (also display hidden files)

**ls -l:** only list

show in the form of list all files and folder(not display hidden files)

**3.cd: change directory**

Go to another folder

**Command- cd <name of folder/path of folder>**

**4.mkdir: make directory**

Create new folder/directory

**Command-mkdir <new folder name>**

**5.touch**

Create empty file

Example: touch Priyanka.txt (One file),

touch file1.txt file1.txt file3.txt (multiple file)

**Command- touch <file name>**

**6.cat**

To show file content

**Command-cat <filename/file path>**

**7.mv: move**

Rename or move existing file

**Command- Rename: mv <old filename> <new filename>**

**Command - Move: mv <old file name> <path to destination folder>**

**8.cp: copy**

Create copy of existing file

**Command-Create copy in current folder: cp <old file name> <new file name>**

**Command-Create copy in another folder: cp <old file name> <destination folder name>**

**9.rm: remove**

To Delete file

**Command-rm <filename/filepath>**

**10.rm -rf: remove folder**

To Delete the folder

**Command-rm -rf <folder name/folder path>**

**11.sudo su: super user**

change current user to super user or admin

**Command-sudo su**

**12.uname: unix name**

Display operating system name

**Command- uname**

**13.uname -a: all details**

Display operating system name with all details

**Command- uname -a**

**14.top:** Show active running process on os

**Command- top**

**#To search text in top command line.**

**top | grep -i <text to search>**

Example-top| grep -i chrome

**14.ifconfig/ipconfig:** ip configuration

Show ip address details for os

**Command-** **ifconfig (used for linux)**

**Command- ipconfig (used for windows)**

**15.whoami:** who am I

Want to check which user you login to terminal

**Command- whoami**

**16.logname:** log name

Want to check which user you login

**Command- logname**

**17. whereis:** where is package

Where is package located

**Command- whereis <package name>**

**18. apt install:** To Install Package

**Command- apt install <package name>**

**19.apt update:** To update package

**Command- apt update**

**20. three editors in Linux:**

1.vi: basic editor

2.vim: Advanced editor

3.nan

Vi/vim: We can edit file using vi/vim then

**Command- vi /vim <filename>**

then open file and **press i (on keyboard)** I for insert to enable editing. after

edition press **esc:wq! / esc:x!** For save the file.

**Command- esc:q!- for quit**

**Arrow**

**H-Left Arrow**

**L-right Arrow**

**J-upper Arrow**

**k-lower Arrow**

20. **grep -i:** Search content inside file

**Command- grep -i <text /content you want to search> <filename>**

(you are present on this folder)

**Command- grep -i <text /content you want to search> <filepath>**

(you are not present on this folder)

**21.find:** search file/folder

**Command- find <filename/folder name>**

**22.ping:** you check internet connectivity

**Command- ping give ip /web url**

to check inter connectivity the web response then internet working

**example: ping 8.8.8.8/google.com (google Ip address 8.8.8.8)**

**23.hostname:** give ip address of os

**Command- hostname**

**24.tree:**to show all folder and files in tree format

tree (for current folder show tree format)

**Command- tree <folder path> (for another folder show tree format)**

**25.history:** to show history of all commands

**Command- history**

**26. grep -i:** to search content

**Command- Command line | grep-i <Content or text you want to search in command line>**