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| ifconfig | You can use the **ifconfig** command to assign an address to a network interface and to configure or display the current network interface configuration information. |
| hostname | hostname command in Linux is used **to obtain the DNS(Domain Name System) name and set the system's hostname or NIS(Network Information System) domain name**. |
| Sudo su - | **Sudu su -** command **allows us to switch to a different user and execute one or more commands in the shell** without logging out from our current session. |
| pwd | As the name states, command 'pwd' **prints the current working directory**. It prints the current directory name with the complete path starting from root (/). |
| cd | cd command is **used to change the current working directory** |
| ls | The ls command is used **to list files or directories in** Linux |
| ls -l | It is +use a long listing format |
| Ls -a | It do not ignore entries starting with . (dot) |
| Ls -lt | All the files within the current directory of our Linux system, along with their details vertically (latest create first) |
| Ls -ltr | All the files within the current directory of our Linux system, along with their details vertically (latest create last) |
| Ls -lta | All the files (dot file also / hidden) within the current directory of our Linux system, along with their details vertically (latest create first) |
| Ls -ltra | All the files (dot file also / hidden) within the current directory of our Linux system, along with their details vertically (latest create last) |
| Man any command | man command in Linux is used **to display the user manual of any command that we can run on the terminal** |
| cat | The cat command is a utility command in Linux. One of its most commonly known usages is **to print the content of a file onto the standard output stream**. |
| Cat > file name | To create file (use ctrl+D to save file) |
| Cat >> file name | To edit existing file through terminal (use ctrl+D to save file) |
| Tac file name | usages is **to print the content of a file onto the standard output stream in reverse manner** |
| Touch file name | To create blank files |
| Mkdir dir name | To create directory |
| Mkdir -p dira/dirb/dirc | To create directory inside directory |
| Rm -f file name | To remove files |
| Rm -rf dir name | To remove directory (you can remove file also by using this command) |
| whoami | It displays the username of the current user. |
| Cd .. | To go one level back in directory |
| Cd ../../../ | To go more than one level back in directory |
| Echo “message” | It is used to print message in terminal |
| Echo “message” > file name | It is used to save message inside any file |
| Echo “message 2” >> file name | It is used to save edit existing file with new message |
| Mv file1 file2 | This command is used to rename file |
| Mv file1 /mnt/dir1 | This command is used to move any file to any directory |
| Cp file1 copy1 | This command is use to make duplicate in exiting directory |
| Cp -r file1 /mnt/dir1 | This command is use to make duplicate in required directory |
| Vi file name | This command is use to open and edit file in vi editor |
| Press I – to enter inside insert mode | |
| Press esc – to enter inside command mode or exit from insert mode to command mode | |
| :wq – to save and close file in command mode | |
| :q – to close file in command mode | |
| :q! – to close file in command mode without saving if you write some content inside the file | |
| :x - to save and close file in command mode | |
| :x! - to save and close forcefully file in command mode | |
| Press o – to go in next line in command mode | |
| Press dd – to delete particular line in command mode | |
| Shift + H - to go in first line of the file in command mode | |
| Shift + A - to go in end of particular line of the file in command mode | |
| Shift + G - to go in last line of the file in command mode | |
| r and then character – to replace any character in command mode | |
| Press X – to delete some character in command mode (it act as backspace) | |
| /pattern - to search any pattern in command mode inside of **vi editor** | |
| grep pattern filename | to search any pattern from terminal **case-sensitive** |
| grep -c pattern filename | to get count of pattern from terminal |
| grep -i pattern filename | to search any pattern from terminal which will be **case-insensitive** |
| grep -s pattern filename | It is used to express suppress error |
| wget https://exaple.com | It is used to download any content |
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| du -sh filename | It is used to get size of that file |
| tar -cvf filename | This command is used to create archive **-c= create -v=verbose -f=force** |
| tar -xvf filename | This command is used to extract archive **-x=extract** |
| zip -r dir.zip dir name | To zip any directory |
| unzip dir.zip | To unzip any zipped file |
| gzip | To compress the files |
| gunzip | To unzip the compresses files |
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