**Basic Linux Commands**

**Following are the list of Linux Commands commonly used.**

**• ls – The most frequently used command in Linux to list directories**

**• pwd –** Print working directory command in Linux

**• cd –** Linux command to navigate through directories

**• mkdir –** Command used to create directories in Linux

**• mv –** Move or rename files in Linux

**• cp –** Similar usage as mv but for copying files in Linux

**• rm –** Delete files or directories

**• touch –** Create blank/empty files

**• cat –** Display file contents on the terminal

**• clear –** Clear the terminal display

**• echo –** Print any text that follows the command

**• less –** Linux command to display paged outputs in the terminal

**• man –** Access manual pages for all Linux commands

**• uname –** Linux command to get basic information about the OS

**• whoami –** Get the active username

**• tar –** Command to extract and compress files in Linux

**• grep –** Search for a string within an output

**• head –** Return the specified number of lines from the top

**• tail –** Return the specified number of lines from the bottom

**• diff –** Find the difference between two files

**• cmp –** Allows you to check if two files are identical

**• comm –** Combines the functionality of diff and cmp

**• sort –** Linux command to sort the content of a file while outputting

**• export –** Export environment variables in Linux

**• zip –** Zip files in Linux

**• unzip –** Unzip files in Linux

**• ssh –** Secure Shell command in Linux

**• service –** Linux command to start and stop services

**• ps –** Display active processes

**• kill and killall –** Kill active processes by process ID or name

**• df –** Display disk filesystem information

**• mount –** Mount file systems in Linux

**• chmod –** Command to change file permissions

**• chown –** Command for granting ownership of files or folders

• **ifconfig –** Display network interfaces and IP addresses

**• traceroute –** Trace all the network hops to reach the destination

**• wget –** Direct download files from the internet

**• ufw –** Firewall command

**• iptables –** Base firewall for all other firewall utilities to interface with apt.

**• rpm –** Package managers depending on the distro

**• sudo –** Command to escalate privileges in Linux

**• cal –** View a command-line calendar

**• alias –** Create custom shortcuts for your regularly used commands

**• whereis –** Locate the binary, source, and manual pages for a command

**• whatis –** Find what a command is used for

**• top –** View active processes live with their system usage

**• useradd and usermod –** Add new user or change existing users data

**• passwd –** Create or update passwords for existing users.