

pwd - To view the present working directory

ls - Lists the files and directories in the current directory

cd - Changes the current directory

mkdir - Creates a new directory

rmdir - Deletes a directory

history - To view the previously executed command

wc - To find out number of lines, word count, byte and characters count in the files

touch - Creates a new file or updates the existing file

rm - Deletes a file or directory

cp - Copies a file or directory

mv - Moves or renames a file or directory

chmod - Changes the permissions of a file or directory

chown - Changes the ownership of a file or directory

find - Search for files in a directory hierarchy

grep - Search for patterns in text

vi - Text editor for editing files

cat - View the contents of a file

less - View the contents of a file one page at a time

tail - View the last few lines of a file

head - View the first few lines of a file

ps - View the processes running on the system

kill - Send a signal to a process to terminate it

top - View the processes using the most system resources

free - View the amount of free and used memory on the system

df - View the amount of free and used disk space

du - View the size of a directory and its subdirectories

passwd - changes passwords for user accounts

useradd - To add user accounts to the system

groupadd - To add user groups to the system

gpasswd - To add users to the group

whoami - To see the currently logged-in user

usermod - To modify or change any attributes of a already created user account

userdel - To delete the user

ping - Test the reachability of a network host

traceroute - View the route packets take to reach a network host

netstat - View network connections and routing information

ifconfig - View and configure network interfaces

ip - to show or manipulate routing, devices, and tunnels & similar to 'ifconfig'

tracpath - To traces path to destination network address

telnet - To check the network connectivity for the system over a TCP/IP network

route - View and configure the routing table

iptables - Configure the Linux firewall

ss - View network socket information

nc - Network utility for reading and writing to network connections

dig - Query DNS servers for information

host - Query DNS servers for informatio

nslookup - Query DNS servers for information

wget - Download files from the internet

curl - Transfer data with URL syntax

rsync - Synchronize files and directories between systems

scp - Securely copy files between systems

ssh - Securely connect to a remote system

sftp - Securely transfer files between systems

ftp - Transfer files between systems

mount - Mount a file system

umount - Unmount a file system

fdisk - Partition and format storage devices

parted - Partition and format storage devices

lsof - List open files

man - To display the user manual of any command

uptime - To find out how long the system is active(running)

service - It is used starts, stop and restart a daemon or services by calling the script

shutdown - To shutdown the system in a safe way

apt-get - To install, remove, and perform other operations on installed software packages

yum - To install, remove, and perform other operations on installed software packages

zypper - To install, remove, and perform other operations on installed software packages