*ls*

Lists files and directories in current directory

*ls -l*

Lists files and directories with information

such as permissions, ownership, size, and

modification date

*ls -a*

Lists all files and directories including hidden

ones

*ls -ltra*

long list, time modification wise, reverse sorting, all files and directories

*du*

Displays the amount of disk space used by individual file

*touch*

creates an empty file

*pwd*

current working directory

*cd*

navigate to home directory

*cd /*

navigate to root directory

*cd <dir-name>*

navigate to a particular directory

*ps*

Lists information about currently running Processes

*history*

Displays the list of previously executed commands

*free*

Displays the amount of free and used memory in the system

*useradd <username>*

Creates a new user account with the

specified username

*passwd <username>*

Changes the password for the specified user

*Id*

Displays the user ID (uid) and group ID

(gid) of the current user

*w*

Show which users are logged in and their activity.

*mkdir [directory\_name]*

Create a new directory

*rm [file\_name]*

Remove a file.

*rm -r [directory\_name]*

Remove a directory recursively.

*rm -rf [directory\_name]*

Recursively remove a directory without requiring confirmation.

*cp [source\_file] [destination\_file]*

Copy the contents of one file to another file.

*mv [source\_file] [destination\_file]*

Move or rename files or directories.

*cat [file\_name]*

Show the contents of a file.

*head [file\_name]*

Show the first ten lines of a file.

*tail [file\_name]*

Show the last ten lines of a file.

*more [file\_name]*

Display contents of a file page by page.

*vi [file\_name] vim [file\_name]*

Open or create a file using the Vi/Vim text editor

*uname -a*

See kernel release information

*cat /etc/os-release*

OS version details

*Uptime*

Display how long the system has been running, including the load average.

*hostname*

View system hostname.

*hostname -i*

Show the IP address of the system

*date*

See current time and date

*cal*

Show current calendar (month and day)

*whoami*

See which user you are using

*ip a*

Display IP addresses of all network interfaces

*top*

List active processes.

*man [command]*

Display a built-in manual for a command.

*lscpu*

See CPU information.

*lsblk*

See information about block devices

*df -h*

Check free and used space on mounted systems.

*find [path] -name [search\_pattern]*

Find files and directories that match the specified pattern in a specified location.

*grep [search\_pattern] [file\_name]*

Search for a specific pattern in a file with grep.

*su – username*

Switch the user account or become a superuser.

For RedHat/CentOS with yum or dnf:

*yum install [package\_name]*

Install a package using the YUM package manager.

*yum search [keyword]*

Find a package in the YUM repositories based on the provided keyword.

*yum list installed*

List all packages installed with YUM.

*yum info [package\_name]*

Show package information for a package

*dnf install [package\_name]*

Install a package using the DNF package manager.

*shutdown now*

Shut down the system immediately

*shutdown -r now*

reboot the system immediately