

Navigation:

ls: List directory contents.

cd: Change directory.

pwd: Print working directory.

mkdir: Create a directory.

rmdir: Remove a directory.

cp: Copy files and directories.

mv: Move/rename files and directories.

rm: Remove files and directories.

touch: Create an empty file.

File Management:

cat: Concatenate and display files.

more: View text files one page at a time.

less: View text files with backward and forward navigation.

head: Display the beginning of a file.

tail: Display the end of a file.

grep: Search for patterns in files.

find: Search for files and directories.

chmod: Change file permissions.

chown: Change file ownership.

System Information:

uname: Display system information.

uptime: Show system uptime.

who: Display currently logged-in users.

df: Show disk space usage.

free: Display available memory.

top: Display dynamic real-time information about running processes.

Package Management:

apt-get: Package handling utility (Debian-based systems).

yum: Package manager (Red Hat-based systems).

dpkg: Package manager for Debian-based systems.

rpm: Package manager for Red Hat-based systems.

Process Management:

ps: Display information about running processes.

kill: Terminate processes.

killall: Terminate processes by name.

bg: Put a process in the background.

fg: Bring a process to the foreground.

jobs: List active jobs.

Networking:

ifconfig: Configure network interfaces.

ping: Send ICMP echo requests to network hosts.

netstat: Display network connections, routing tables, and interface statistics.

wget: Download files from the internet.

ssh: Secure Shell client for remote access.

scp: Securely copy files between hosts.

User Management:

useradd: Create a new user.

userdel: Delete a user.

passwd: Change user password.

su: Switch user.

sudo: Execute a command as another user (superuser by default).

Miscellaneous:

date: Display or set the system date and time.

echo: Display a line of text.

history: Display command history.

tar: Archive files.

zip/unzip: Compress and decompress files using zip format.

chmod: Change file permissions.

chown: Change file ownership.