**1.ls**

Usage: ls

Description: Lists the contents of a directory.

**2.cd**

Usage: cd /path/to/directory

Description: Changes the current directory to the specified directory.

**3.pwd**

Usage: pwd

Description: Prints the current working directory.

**4.mkdir**

Usage: mkdir directory_name

Description: Creates a new directory.

**5.rmdir**

Usage: rmdir directory_name

Description: Removes an empty directory.

**6.rm**

Usage: rm file_name

Description: Removes files or directories. Use rm -r to remove directories recursively.

**7.cp**

Usage: cp source_file destination

Description: Copies files or directories. Use cp -r for recursive copy.

**8.mv**

Usage: mv source_file destination

Description: Moves or renames files or directories.

**9.touch**

Usage: touch file_name

Description: Creates an empty file or updates the timestamp of an existing file.

**10.cat**

Usage: cat file_name

Description: Concatenates and displays the content of files.

**11.nano**

Usage: nano file_name

Description: Opens the nano text editor for editing files.

**12.vim**

Usage: vim file_name

Description: Opens the vim text editor for editing files.

**13.grep**

Usage: grep 'pattern' file_name

Description: Searches for a specific pattern in files.

**14.find**

Usage: find /path -name "file_name"

Description: Searches for files and directories within a directory hierarchy.

**15.chmod**

Usage: chmod 755 file_name

Description: Changes the file mode (permissions) of a file or directory.

**16.chown**

Usage: chown user:group file_name

Description: Changes the ownership of a file or directory.

**17.ps**

Usage: ps aux

Description: Displays information about currently running processes.

**18.kill**

Usage: kill process_id

Description: Terminates a process by its process ID (PID).

**19.top**

Usage: top

Description: Displays real-time information about system processes.

**20.df**

Usage: df -h

Description: Shows disk space usage of file systems.

**21.du**

Usage: du -sh directory_name

Description: Estimates file space usage for directories.

**22.tar**

Usage: tar -czvf archive.tar.gz directory_name

Description: Archives files and directories into a tarball (.tar.gz).

**23.wget**

Usage: wget http://example.com/file

Description: Downloads files from the web.

**24.curl**

Usage: curl -O http://example.com/file

Description: Transfers data from or to a server.

**25.ssh**

Usage: ssh user@hostname

Description: Connects to a remote host via Secure Shell (SSH).