

Linux Commands Cheat Sheet

Navigation

<code>pwd</code>	Show current directory
<code>ls</code>	List files
<code>ls -l</code>	Long listing
<code>ls -a</code>	Include hidden files
<code>cd <directory_name></code>	Change directory
<code>cd ..</code>	Up one level
<code>cd ~</code>	Home directory

File & Directory Management

<code>Mkdir <directory_name></code>	Create folder
<code>Touch <file_name._></code>	Create empty file
<code>cp <file1_name._> <file2_name._></code>	Copy file/folder
<code>mv <file1_name._> <file2_name._></code>	Move/rename
<code>rm <file_name._></code>	Delete file
<code>rm -r <folder_name></code>	Delete folder recursively

Viewing & Editing Files

<code>cat <file_name._></code>	View content
<code>less / more</code>	Scroll through files
<code>Nano <file_name._></code>	Simple text editor
<code>vi / vim <file_name._></code>	Advanced text editor

Searching

<code>find -name "<file_name>"</code>	Search for files
<code>grep "string"</code>	Search inside files
<code>grep -r "string"</code>	Recursive search

Networking

<code>Ping <ip_address or domain_name></code>	Test connectivity
<code>ip a / ifconfig</code>	View interfaces
<code>netstat -tuln / ss -tuln</code>	Active connections
<code>curl / wget <location></code>	Download content

System Information

<code>whoami</code>	Current user
<code>uname -a</code>	System info
<code>top / htop</code>	Monitor processes
<code>df -h</code>	Disk usage
<code>free -h</code>	Memory usage

Package Management (Debian/Ubuntu)

<code>sudo apt update</code>	Update package list
<code>sudo apt upgrade</code>	Upgrade packages
<code>sudo apt install <package_name></code>	Install package
<code>sudo apt remove <package_name></code>	Remove package

Permissions & Ownership

<code>Chmod <code / user_type></code>	Change permissions
<code>chown :<code / user_type></code>	Change owner
<code>sudo</code>	Execute as superuser

Miscellaneous

<code>history</code>	Show command history
<code>clear</code>	Clear terminal
<code>exit</code>	Exit terminal