

Basic Linux Navigation Commands

Command	Description	Example
<code>pwd</code>	Shows the present working directory	<code>pwd</code>
<code>ls</code>	Lists files and directories	<code>ls -a</code> (shows hidden files)
<code>cd</code>	Change directory	<code>cd /etc</code>
<code>cd ..</code>	Move one directory back	<code>cd ..</code>
<code>cd ~</code>	Move to the home directory	<code>cd ~</code>
<code>mkdir</code>	Creates a new directory	<code>mkdir new_folder</code>
<code>rmdir</code>	Removes an empty directory	<code>rmdir new_folder</code>
<code>rm -rf</code>	Removes a directory with files	<code>rm -rf folder_name</code>
<code>cp</code>	Copies files or folders	<code>cp file.txt /path/to/destination</code>
<code>mv</code>	Moves files or folders	<code>mv file.txt /path/to/destination</code>

File Handling Commands

Command	Description
<code>cat</code>	Displays the content of a file
<code>nano, vim</code>	Opens a file in a text editor
<code>touch</code>	Creates an empty file
<code>echo</code>	Prints text or writes to a file
<code>less</code>	View large files page by page
<code>head</code>	Shows the first 10 lines of a file
<code>tail</code>	Shows the last 10 lines of a file

User Management

Command	Description
<code>whoami</code>	Shows the current user
<code>sudo</code>	Runs commands as root
<code>adduser</code>	Adds a new user

Command	Description
<code>passwd</code>	Change user password
<code>userdel</code>	Deletes a user

File Permissions & Ownership

<code>ls -l</code>	Shows file permissions
<code>Chmod</code>	Change file permissions
<code>chown</code>	Change file ownership
<code>sudo su</code>	Switch to root user

These are the exit commands:

<code>Ctrl + C</code>	Forcefully stops the current command
<code>Ctrl + Z</code>	Pauses the current process (sends it to the background)
<code>Ctrl + D</code>	Ends input (useful for some commands like <code>cat</code>)
<code>Esc</code>	Exits certain modes in editors like <code>vim</code>