

Task 1: Basic Directory Operations

Task: Create a directory named "MyFolder" in your home directory.

Task 2: Navigate and List Files

Task: Change your current directory to "MyFolder" and list its contents.

Task 3: Create a File and Append to It

Task: Inside "MyFolder" create a new file named "notes.txt" and append the text "This is a sample note" to it.

// To append text use ">>" but to override the text use ">"

Task 4: Move and Rename a File

Task: Move the "notes.txt" file from "MyFolder" to your home directory and rename it to "my_notes.txt"

// Remember the two uses of "mv"

Task 5: Copy Multiple Files

Task: Copy all files in your home directory to "MyFolder."

Task 6: List Files with Details

Task: List the files in your home directory in long format (including details such as permissions, owner, size, etc.).

// Remember the ordinary listing and long format listing

Task 7: Remove a File and Directory

Task: Delete the "my_notes.txt" file and the "MyFolder" directory.

// Remember the "rm" , "rm -r" and "rmdir"

Task 8: Use Wildcards to List Files

Task: List all files that have "doc" in their names in your home directory.

// Click and watch the video : [Wild Cards Video](#)

Task 9: Change to Previous Directory

Task: Change back to your previous directory

Task 10: Use Home Directory Shortcut

Task: Use the shortcut to go to your home directory directly.

Task 11: Recursive Directory Copy

Task: Copy the entire "MyFolder" and its contents to a new directory named "Backup" within your home directory.

Task 12: Create a New Directory and Move Files

Task: Create a new directory named "Images" within "MyFolder" and move all other files into it.

Task 13: Use 'cd' Shortcut

Task: Use a shortcut to navigate directly to the root directory.

Task 14: Redirect Output to a File

Task: List all files in your home directory and save the list to a file named "file_list.txt" within "MyFolder."

// just use ' > ' to direct output to file

Task 15: Display File Head and Tail

Task: Display the first 5 and last 5 lines of the "file_list.txt" file in "MyFolder."

Task 16: Display Hidden Files and Their Sizes

Task: List all hidden files in your home directory (files starting with a dot) along with their sizes.

// use " --help " to know which option to list folder sizes

Task 17: Advanced Navigation

Task: Navigate to the root directory and list all directories within it, then navigate back to your home directory.

// Remember " home directory [~] "

// but " root directory [/] "

// use " --help " to know which option to list directories