

# Files and Paths

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## Accessibility Notice

This document is also available in HTML format at:

<https://aholdengouveia.name/IntroLinux/labs/filesandpaths.html>

The HTML version provides enhanced accessibility features including keyboard navigation, screen reader support, responsive design, dark mode support, and high contrast options.

## Objectives:

- Navigate the Linux file system using both absolute and relative paths
- Perform basic file management operations, including creating, copying, moving, and deleting files and directories

## Complete the following problems

References, a video, a PowerPoint and some notes are available at my website <https://www.aholdengouveia.name/IntroLinux/filesandpaths.html>

## Complete the following problems:

Make sure to take a screenshot of each problem solved. You can use the clear command to make sure the terminal is focused on your current solution

1. Use `pwd` command to display and record the absolute path of your current working directory.
2. Create two new directories using `mkdir`
3. Use `touch` command to create five files
4. Navigate into one of the directories using `cd`
5. Move one file from your home directory into your current folder using a relative path
6. Use `ls` to confirm it moved
7. Move one file into the folder using its absolute path
8. Use `ls` to confirm it moved
9. Create a duplicate of one file in your folder and name the copy `FILE-NAMEbackup` using the `cp` command and relative paths
10. Delete one file in your home folder using `rm`
11. Perform a long listing `ls -l` of the home directory to view the final file details and permissions

## **Deliverables**

A document containing the exact commands used for each numbered step, include clearly labelled screenshots of solution showing the successful execution of these commands as proof of testing.