

# More Commands

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## Accessibility Notice

This document is also available in HTML format at:

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

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

## Objectives:

- Learn to use wildcards for file pattern matching
- Practice using the ls command with various wildcard patterns
- Understand the difference between ls and find commands
- Develop skills in efficiently locating files in Linux

## Complete the following problems

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

## How to setup for this lab

- We are going to create a test directory with numerous files and then use find and wildcards to locate files.
- Create a test subdirectory for this lab. I do NOT recommend using any spaces in the name of the files or folders.
- Using touch create at least a dozen files with different names with the following characteristics:
  1. Some start with f
  2. Some start with F
  3. Some start with a number
  4. Some end with a number
  5. Some do not have an f or F
  6. Some do not have a number
  7. At least one starts with a . (hidden file)
- If you're struggling to think of names, use a naming scheme such as characters from your favorite video game, or locations and characters from favorite books etc. Make sure your files are full names of at least 5 characters, not just single letters/numbers
- For each of the problems you should start with ls and then figure out the pattern needed to show the requested information, then pick 1 of them to try with find instead.
- Demo of how to use ls is in the Linux FAQ videos <https://youtube.com/playlist?list=PLQ0muLC45eoQ1IMH7oCNL6yFP7kWQubBo&si=R1SFWzEPHDDo-VBJ>

## Problems to solve

Use wildcards and the ls command to answer the following.

1. All files
2. All files including hidden files.
3. Files that start with "f"
4. Files that start with "f" or "F"
5. Files that have "f" or "F" anywhere in the name
6. Files that have a digit in the name
7. Files that start with a through d
8. Files that end with 1 or 2
9. Experiment with the find command by solving one of the above ques-

tions using `find` instead of `ls`.

## **Deliverables**

One file that has the lab title, name and date and the answers.

- Each problem given should be numbered to match the question
- Make sure to list each command and the result.
- Make sure to take a screenshot of each successful command.
- Don't use one screenshot for everything, make sure each screenshot is labeled with which problem it solved.