

Task 1: Easy

Create and List Files Using Wildcards

1. Create the following files using a single command:
 - file1.txt
 - file2.txt
 - file3.txt
 2. List all .txt files in the current directory using a wildcard pattern.
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Task 2: Medium

Filter and Copy Files

1. Create the following files:
 - reportA.txt
 - reportB.txt
 - reportC.txt
 - summaryA.log
 - summaryB.log
 2. Copy only the .txt files starting with **report** to a new directory named `txt_files`.
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Task 3: Hard

Find and Process Files Recursively

1. Create the following directory structure with files:

```
project/  
  src/  
    main.cpp  
    utils.hpp  
  docs/  
    guide.txt  
    readme.md  
  logs/  
    app.log  
    error.log
```
 2. Using a single `find` command:
 - Locate all .log files in the `logs/` directory and display their content.
 - Exclude `error.log` from the output.
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Task 4: Hard

Delete Specific Files Based on Patterns

1. Create the following files:
 - temp_001.log
 - temp_002.log
 - temp_001.bak
 - temp_002.bak
 - temp_003.tmp
 2. Delete all .log and .bak files but leave .tmp files untouched.
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Task 5: Hard

Find and Archive Files Modified in the Last 3 Days

1. Create the following directory structure with files:

```
archive_project/  
  day1/  
    file1.txt  
    file2.txt  
  day2/  
    file3.log  
    file4.log  
  day3/  
    file5.md  
    file6.md
```
 2. Archive (zip) all files modified in the last 3 days into a file named recent_files.zip.
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Task 6: Hard

Organize Files by Type into Separate Directories

1. Create the following files in a single directory:
 - image1.jpg
 - image2.png
 - document1.pdf
 - document2.docx
 - script1.sh
 - script2.py
2. Organize these files into separate directories based on their extensions:
 - Move .jpg and .png files to an **images/** directory.
 - Move .pdf and .docx files to a **documents/** directory.

- Move `.sh` and `.py` files to a `scripts/` directory.