Git and GitHub: Hands-on Exercises

Lauren Leek

Exercises

Instructions: Complete the following exercises using Git and GitHub.

Exercise 1. Clone and Explore

- Find a public repository on GitHub that interests you.
- Use the terminal to clone the repository to your local machine.
- List all the files in the repository using a terminal command.
- Use `git status` to view the current state of the repository.

Exercise 2. Make and Track Changes

- Inside your cloned repository, create a new text file called `practice.md`.
- Write one sentence in the file.
- Stage and commit the change with the message: `"Add practice file"`.
- Check the commit history using Git.

Exercise 3. Branch and Merge

- Create a new branch called `feature-test`.
- Switch to the new branch and add another sentence to `practice.md`.
- Commit your changes on this branch.
- Switch back to the `main` branch and merge the changes from `feature-test`.