

Assignment 1: Create and Clone a Repository

1. **Create a new repository** on GitHub (e.g., my-first-repo).
2. **Clone the repository** to your local machine using GitHub Desktop.
3. Add a README.md file with a brief description of the project.
4. Commit the changes and push them to the remote repository.

Assignment 2: Make Changes and Commit

1. Open the cloned repository in your code editor.
2. Create a new file called index.html and add some basic HTML code.
3. Use GitHub Desktop to stage the changes, write a commit message, and push the changes to the remote repository.

Assignment 3: Branching and Merging

1. Create a new branch called feature/add-styles.
2. Add a styles.css file and link it to your index.html.
3. Commit the changes to the feature/add-styles branch.
4. Merge the branch into the main branch using GitHub Desktop.

Assignment 4: Resolve Merge Conflicts

1. Create a new branch called feature/add-content.
2. In this branch, add some content to the index.html file.
3. Switch back to the main branch and make changes to the same part of the index.html file.
4. Attempt to merge feature/add-content into main and resolve the merge conflict using GitHub Desktop.