Step-by-Step Instructions

1. **Open GitHub Desktop**

Launch the GitHub Desktop application. If it's not already installed, students can download it from [GitHub Desktop's official site](#).

2. **Clone the Repository**

If this is the first time accessing the repository:

• In GitHub Desktop, go to **File > Clone Repository…**

• Under the **GitHub.com** tab, select the repository from the list.

• Choose the local path where they'd like to save the repository on their computer, then click **Clone**.

For students who already have a local copy, they can skip this step.

3. **Open the Repository in GitHub Desktop**

Ensure the relevant repository is selected in the **Current Repository** drop-down at the top left.

4. **Fetch Changes**

Before making updates, it's best to pull in any recent changes to avoid conflicts:

• Click **Fetch origin**. This will sync the local version with any updates from GitHub.

• If any updates are available, select **Pull origin** to merge these into the local repository.

5. **Make Changes Locally**

Now they can make their edits:

• Navigate to the local folder where the repository was cloned.

• Edit, add, or delete files as needed for their updates.

• Save any changes in the relevant files.

6. **Review Changes in GitHub Desktop**

Once changes are saved locally:

• Return to GitHub Desktop. Under the **Changes** tab, students will see a list of modified files and a preview of changes made.

• They should review to ensure all modifications look correct.

    7. **Commit Changes Locally**

• In the **Summary** box, write a brief description of the changes made (e.g., "Updated README with new links").

• Optionally, add more details in the **Description** box.

• Click **Commit to main** (or the branch name in use) to save changes locally.

    8. **Push Changes to GitHub**

• After committing, click **Push origin** to upload the changes from their local computer to GitHub.

• They should see their changes reflected in the GitHub repository online after this.

    9. **Verify the Update on GitHub**

• Visit the repository on GitHub.com to confirm that changes have been successfully committed and pushed.

Additional Notes

• **Branching**: If working collaboratively, they may want to create a new branch for their changes. In GitHub Desktop, select **Branch > New Branch**, make updates, and push changes. This helps keep their work organized and ready for review before merging.

• **Syncing Regularly**: Remind students to **Fetch origin** regularly to stay updated with any modifications made by collaborators.