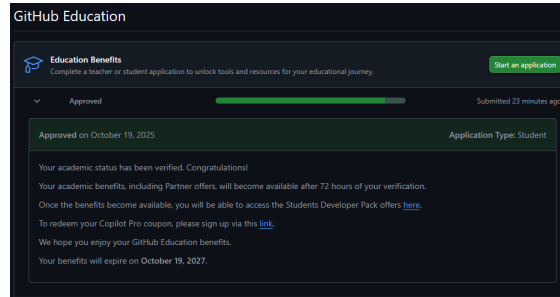**Part 1a.** Sign Up for GitHub Education



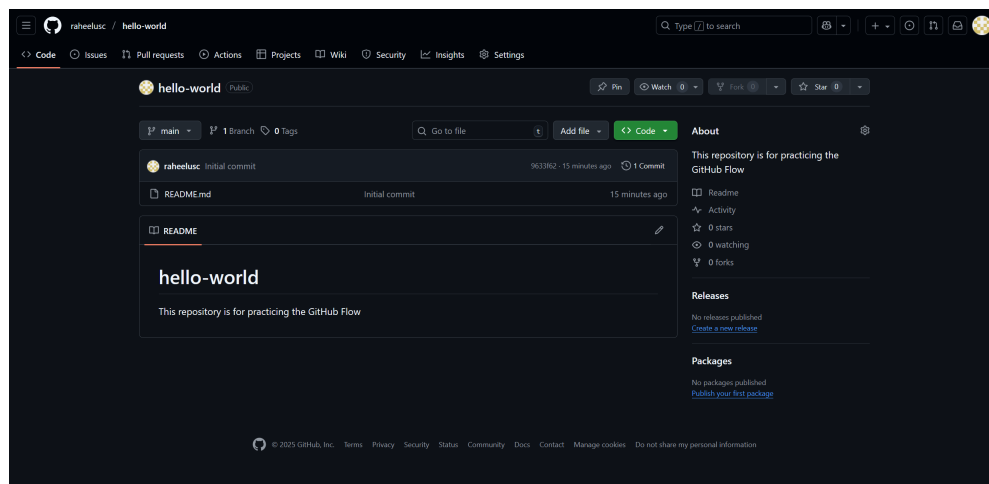Figure 1: Accepted Github Education Application

**Part 1b.** GitHub Tutorial from the Web UI
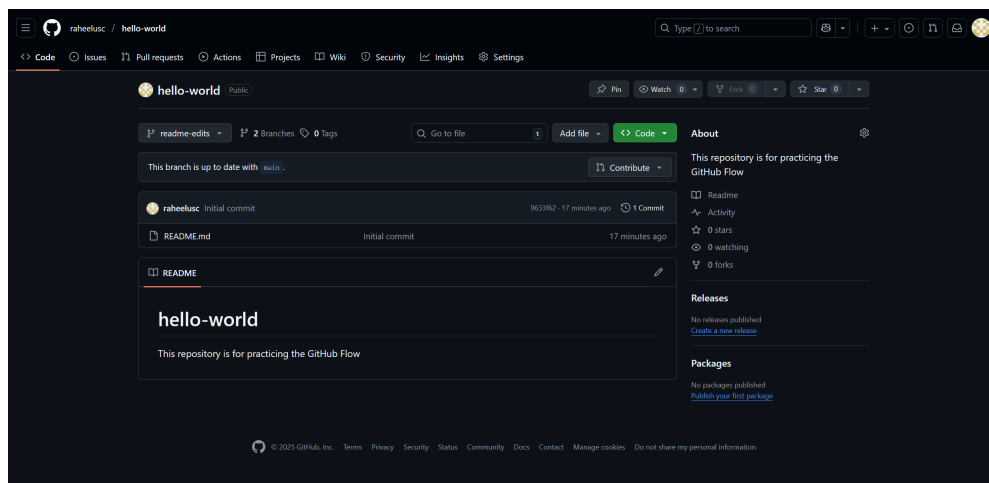


Figure 2: Step 1 - Made a repo



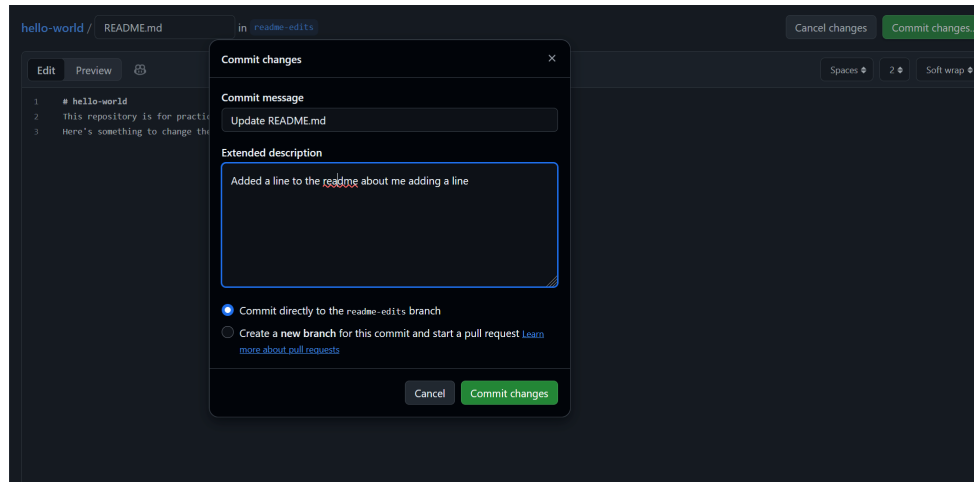Figure 3: Step 2 - Created readme-edits branch
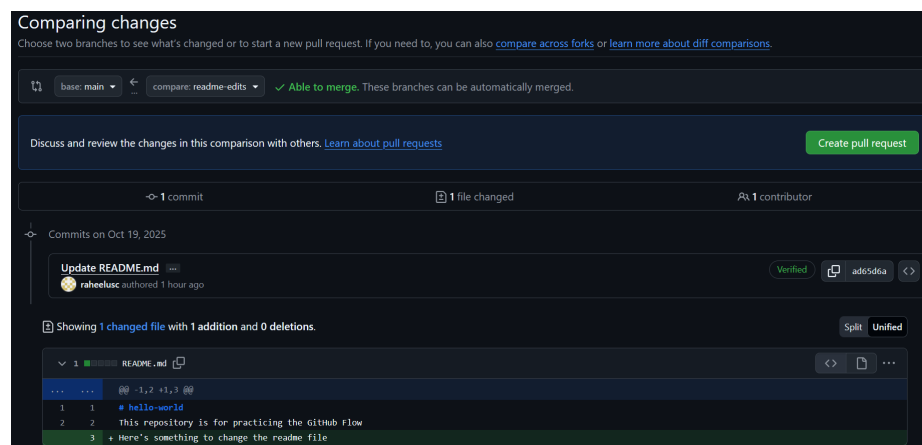
Figure 4: Step 3 - Pushed a commit



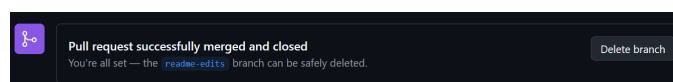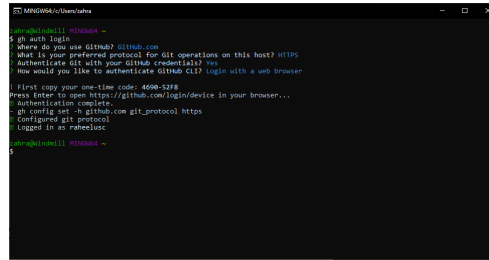Figure 5: Step 4 - Created a pull request



Figure 6: Step 5 - Merged branches

**Part 1c.** Why Use Git and Version Control?

- Version control is the practice of tracking and managing changes to software code.

- Version control is needed to avoid conflicts from multiple contributors

- SCM tracks modifications to a source code repo and is synonymous with version control

- Git is the most widely used version control system
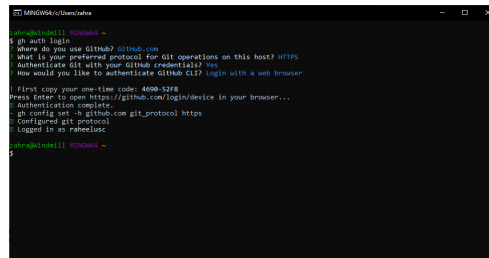
**Part 1d.** Git from the Command Line

Figure 7: Git username and GitHub credentials setup
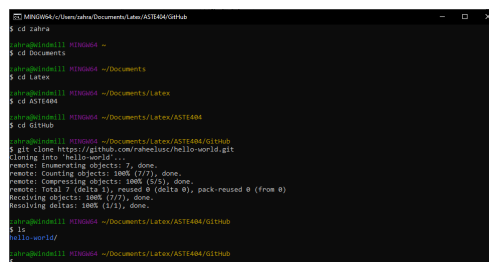
**Part 1d.** Git from the Command Line



Figure 8: Git username and GitHub credentials setup

**Part 1e.** Committing Changes from the Command Line



Figure 9: Cloned GitHub repo