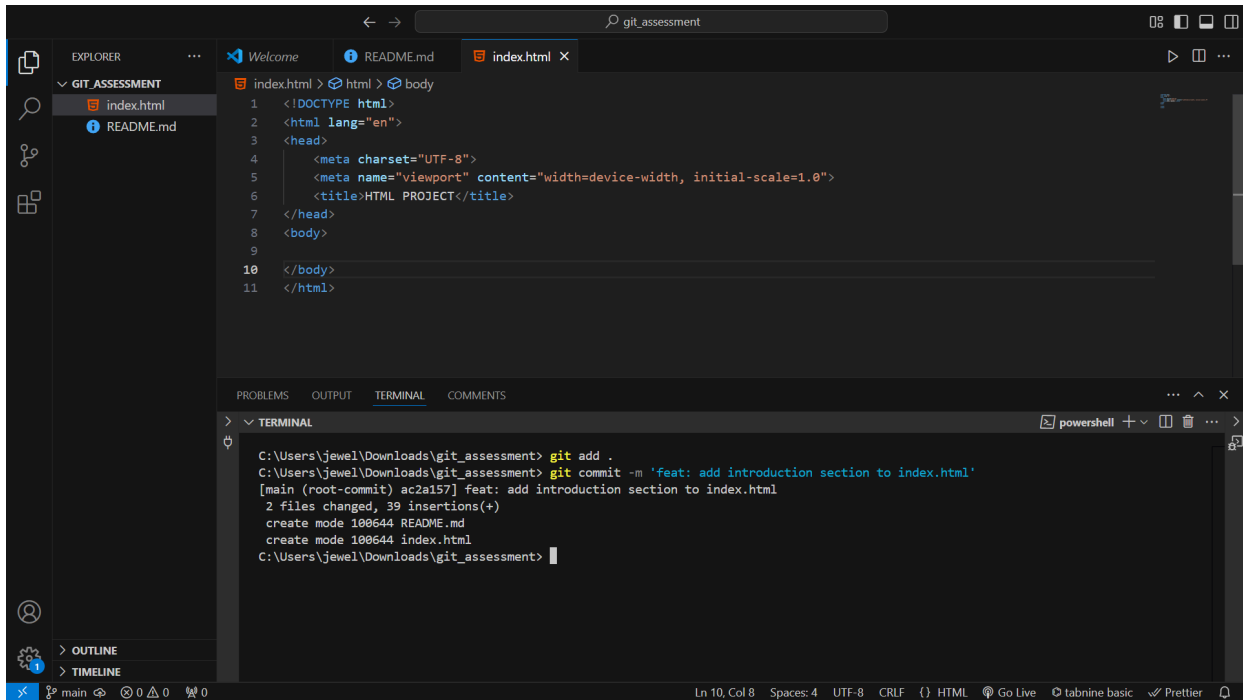


Part 1.

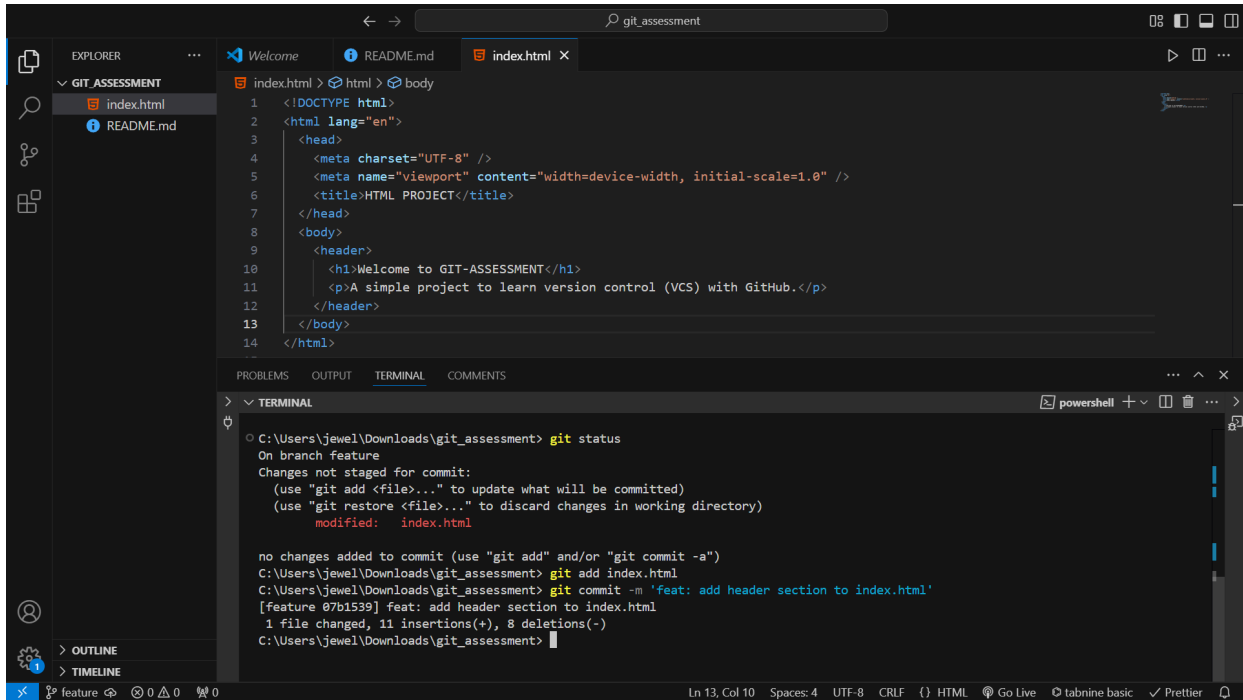
First commit screenshot



The screenshot shows the Visual Studio Code interface with a project named 'git_assessment'. The Explorer panel on the left shows the file structure with 'index.html' and 'README.md'. The main editor displays the content of 'index.html', which is a basic HTML template. The Terminal panel at the bottom shows the execution of the following commands:

```
C:\Users\jewel\Downloads\git_assessment> git add .
C:\Users\jewel\Downloads\git_assessment> git commit -m 'feat: add introduction section to index.html'
[main (root-commit) ac2a157] feat: add introduction section to index.html
2 files changed, 39 insertions(+)
create mode 100644 README.md
create mode 100644 index.html
C:\Users\jewel\Downloads\git_assessment>
```

Feature branch commit screenshot which includes adding header section



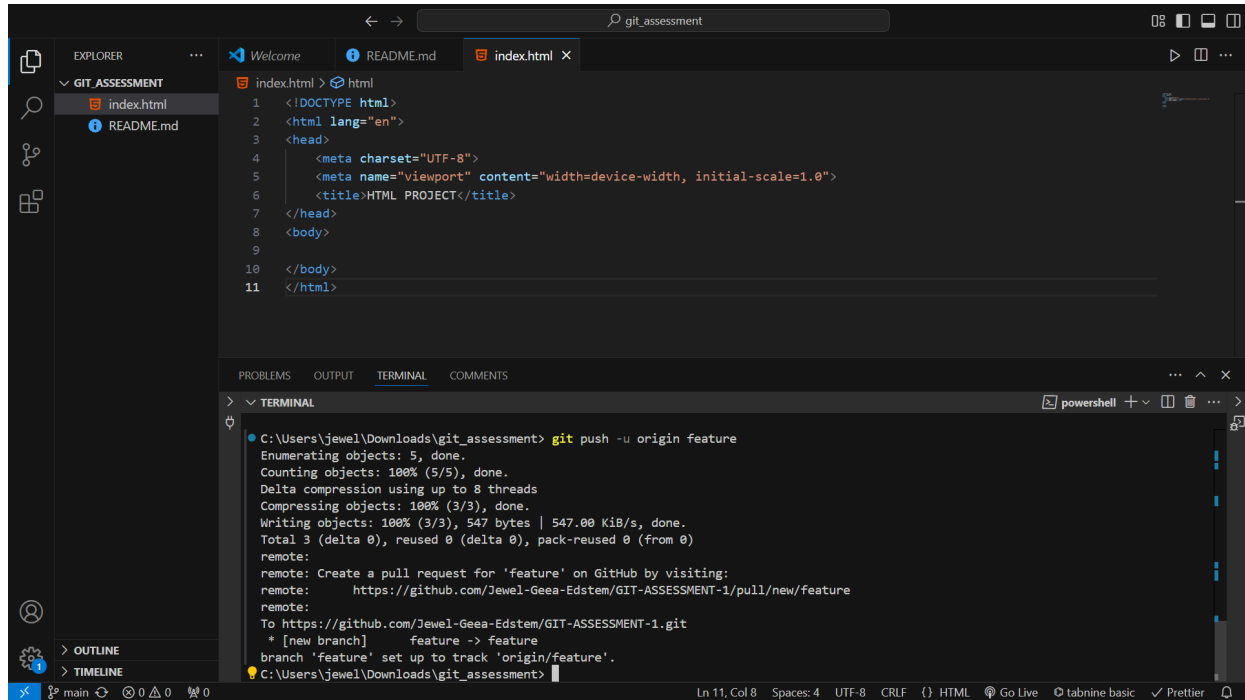
The screenshot shows the Visual Studio Code interface with the 'git_assessment' project. The Explorer panel shows the file structure. The main editor displays the content of 'index.html', which now includes a header section. The Terminal panel at the bottom shows the execution of the following commands:

```
C:\Users\jewel\Downloads\git_assessment> git status
On branch feature
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index.html

no changes added to commit (use "git add" and/or "git commit -a")
C:\Users\jewel\Downloads\git_assessment> git add index.html
C:\Users\jewel\Downloads\git_assessment> git commit -m 'feat: add header section to index.html'
[feature 07b1539] feat: add header section to index.html
1 file changed, 11 insertions(+), 8 deletions(-)
C:\Users\jewel\Downloads\git_assessment>
```

Part 2

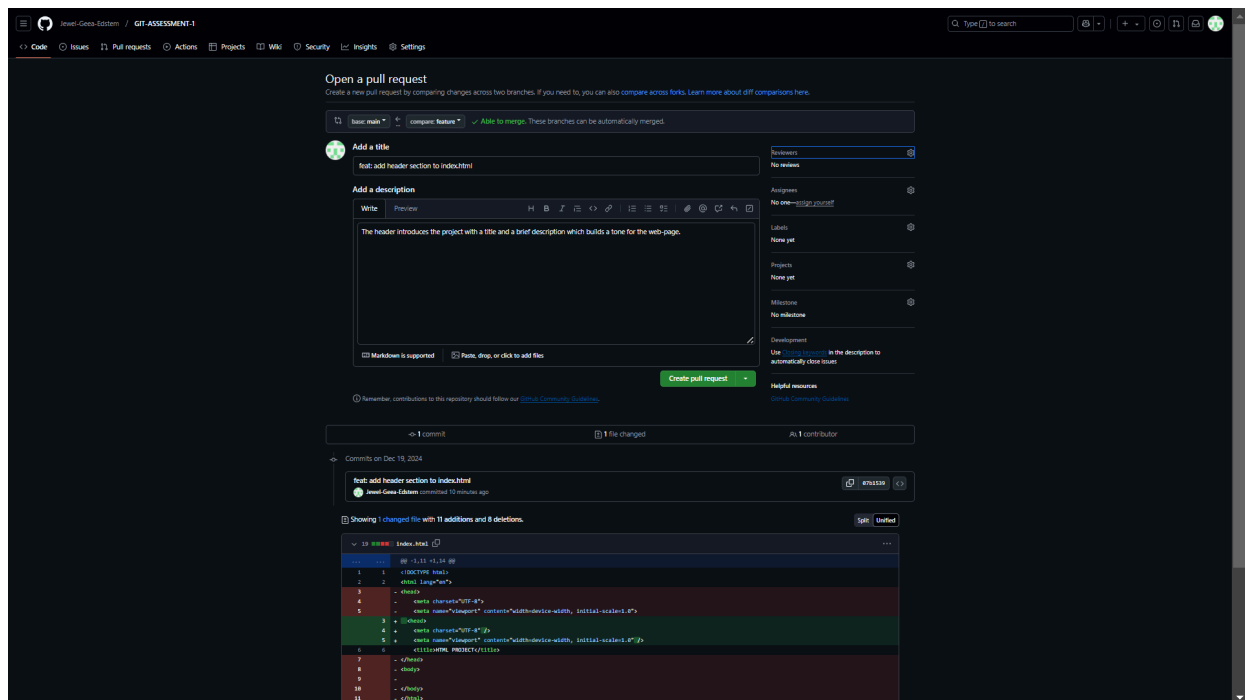
Pushing branches both main and feature branch to github

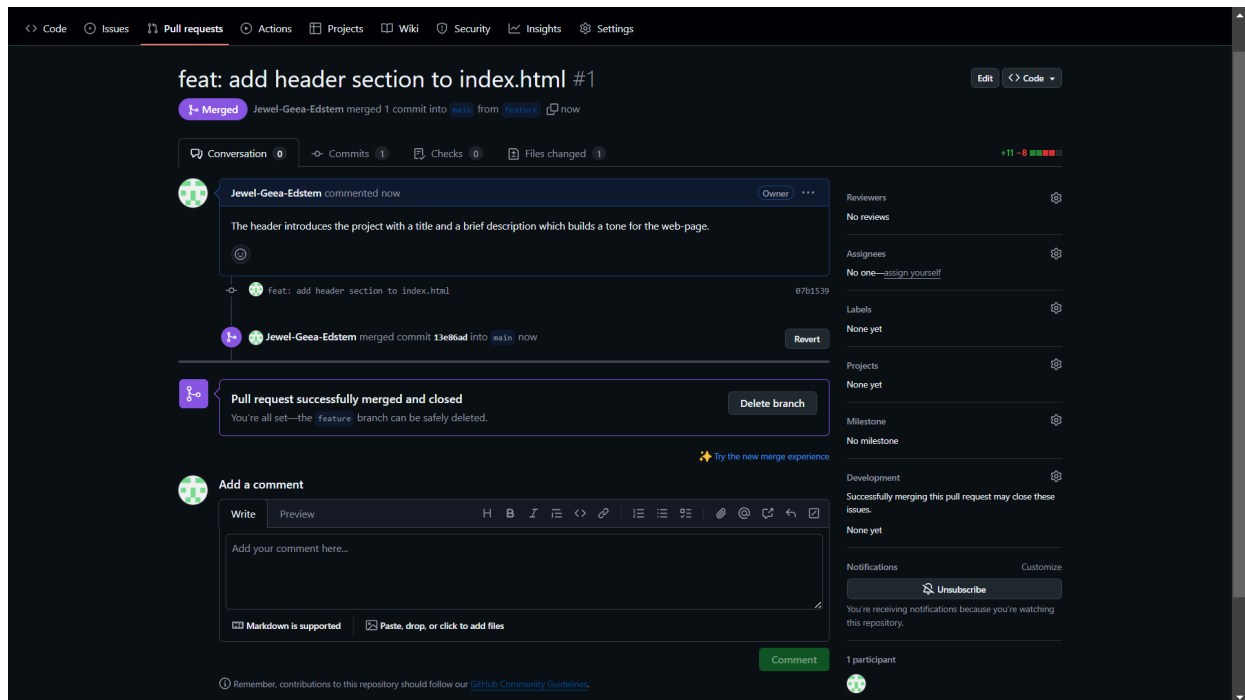
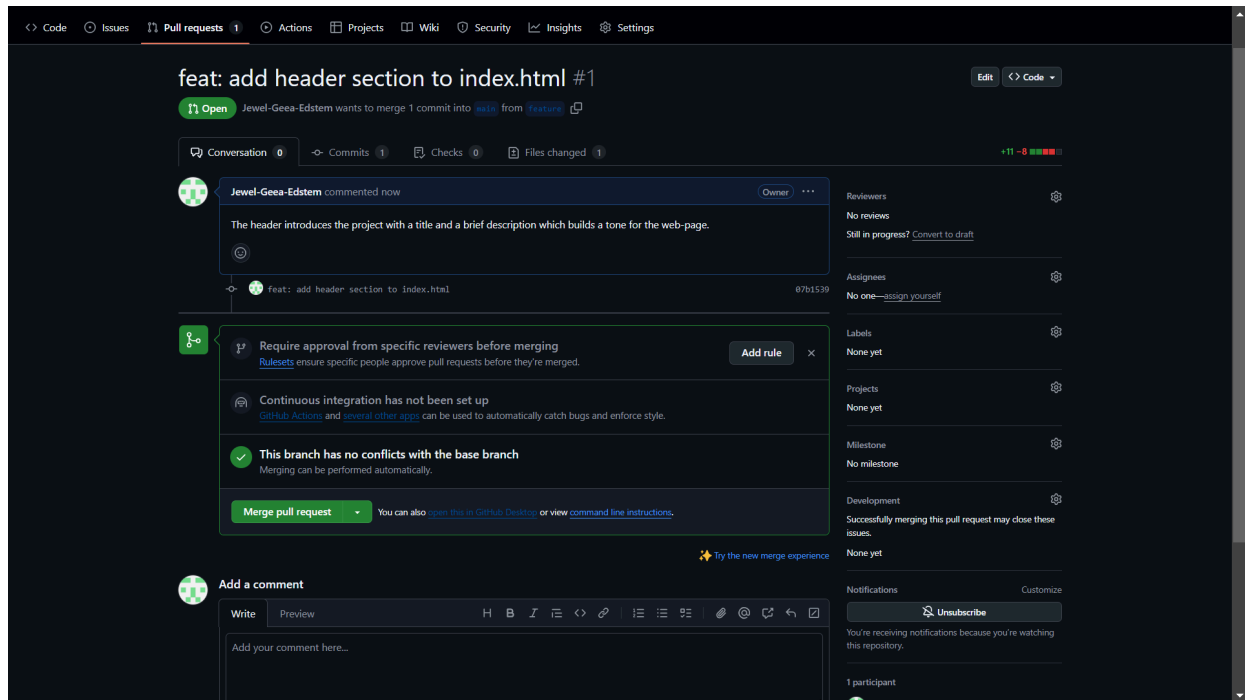


The screenshot shows the Visual Studio Code interface with a file explorer on the left showing 'index.html' and 'README.md'. The main editor displays the content of 'index.html', which is a basic HTML5 template. The terminal at the bottom shows the execution of the command `git push -u origin feature`. The output indicates that the feature branch has been successfully pushed to GitHub, and it prompts the user to create a pull request.

```
index.html > html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>HTML PROJECT</title>
7 </head>
8 <body>
9
10 </body>
11 </html>
```

```
C:\Users\jewel\Downloads\git_assessment> git push -u origin feature
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 547 bytes | 547.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature' on GitHub by visiting:
remote:   https://github.com/Jewel-Gee-Edstem/GIT-ASSESSMENT-1/pull/new/feature
remote:
To https://github.com/Jewel-Gee-Edstem/GIT-ASSESSMENT-1.git
 * [new branch]      feature -> feature
branch 'feature' set up to track 'origin/feature'.
C:\Users\jewel\Downloads\git_assessment>
```





Part 3

Got merge issues while pulling from main after committing from footer branch

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8" />
5 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6 <title>HTML PROJECT</title>
7 <==== HEAD (Current Change)
8 </head>
9 <body>
10
11 <footer>
12 <p>2022 My Website. All rights reserved.</p>
13 <nav>
14 <ul>
15 <li><a href="#">Home</a></li>
16 <li><a href="#">About</a></li>
17 <li><a href="#">Contact</a></li>
18 </ul>
19 </nav>
20 <div class="social-media">
21 <a href="#"></a>
22 <a href="#"></a>
23 <a href="#"></a>
24 </div>
25 </footer>
26 </body>
27 </html>
28
29 <====
30 <head>
31 <body>
32 <header>
33 <h1>Welcome to GIT-ASSESSMENT</h1>
34 <p>A simple project to learn version control (VCS) with Github.</p>
35 </header>
36 </body>
37 </html>
38 <====> 13e86ad386b7137685cab76e177ec461029731d2 (Incoming Change)
```

Accepted the current code

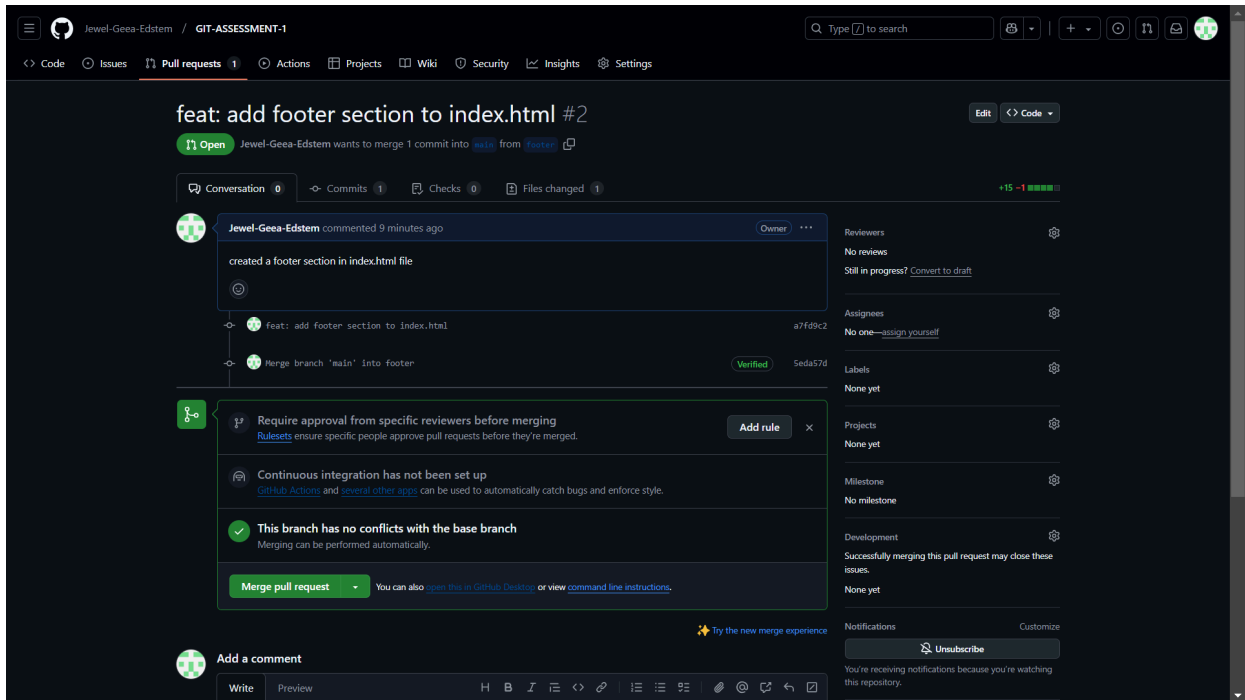
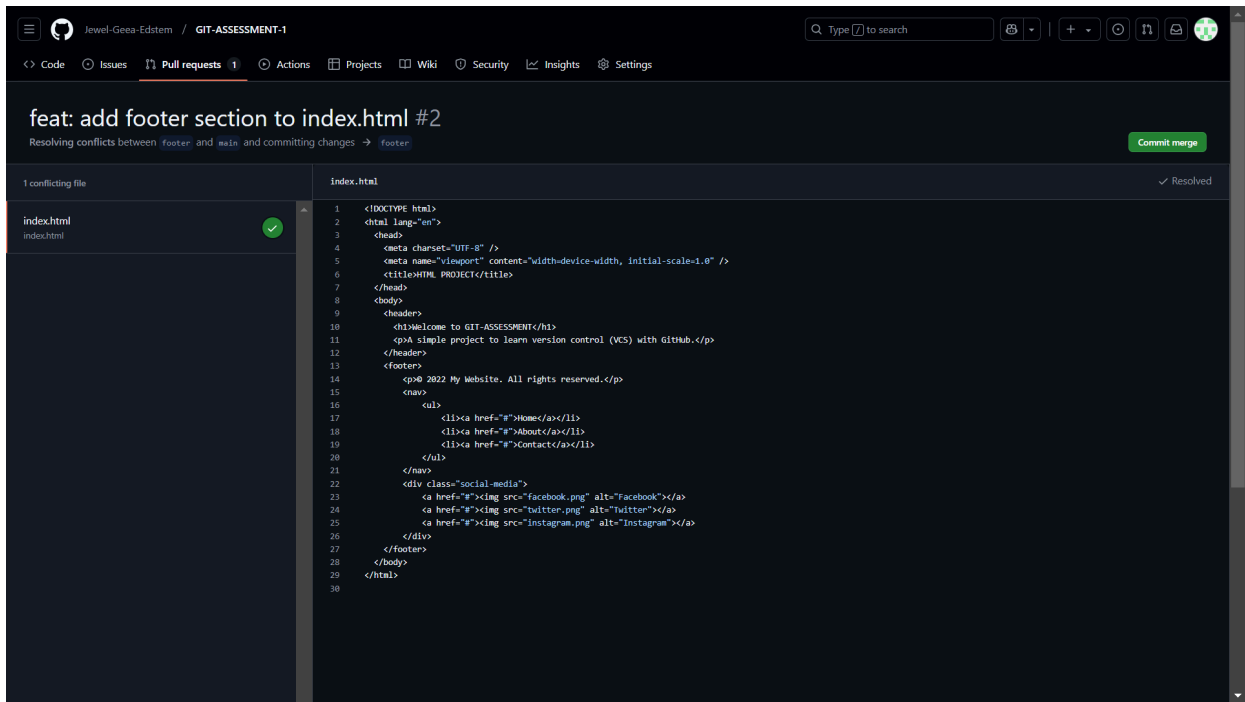
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8" />
5 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6 <title>HTML PROJECT</title>
7 </head>
8 <body>
9 <header>
10 <h1>Welcome to GIT-ASSESSMENT</h1>
11 <p>A simple project to learn version control (VCS) with Github.</p>
12 </header>
13
14 <====> 13e86ad386b7137685cab76e177ec461029731d2 (Incoming Change)
15
16 <====> a769c2 - ref/heads/footer
17
18 <head>
19 <meta charset="UTF-8">
20 <meta name="viewport" content="width=device-width, initial-scale=1.0">
21 <title>HTML PROJECT</title>
22 </head>
23 <body>
24 <footer>
25 <p>2022 My Website. All rights reserved.</p>
26 <nav>
27 <ul>
28 <li><a href="#">Home</a></li>
29 <li><a href="#">About</a></li>
30 <li><a href="#">Contact</a></li>
31 </ul>
32 </nav>
33 <div class="social-media">
34 <a href="#"></a>
35 <a href="#"></a>
36 <a href="#"></a>
37 </div>
38 </body>
39 </html>
```

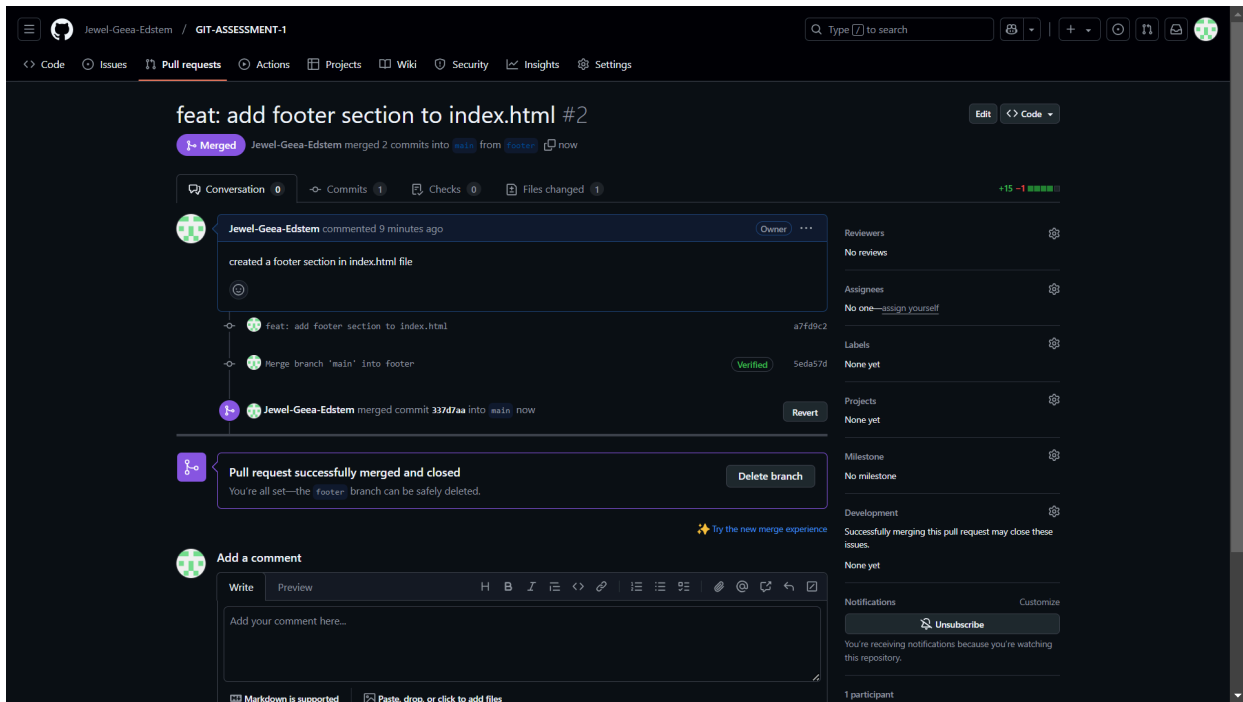
Pushed to github repo from footer branch and got a pull request

GitHub interface showing a pull request titled "feat: add footer section to index.html #2". The pull request is open and shows a conflict in the file "index.html". The conflict message states: "This branch has conflicts that must be resolved. Use the web editor or the command line to resolve conflicts. Conflicting files: index.html". The pull request was created by Jewel-Gee-Edstem and has no reviews or assignees. The right sidebar shows settings for the pull request, including labels, projects, milestones, and notifications. The bottom section shows a comment area with the text "Add your comment here..." and a "Write" button.

GitHub interface showing the same pull request, but now in the "Resolving conflicts" state. The pull request title is "feat: add footer section to index.html #2". The interface shows the conflicting file "index.html" and the code diff. The diff shows the changes made in the pull request compared to the base branch. The code is displayed in a dark theme editor. The left sidebar shows the file "index.html" and the right sidebar shows the "1 conflict" status. The bottom section shows the code diff for the "index.html" file, with line numbers 1 through 37. The code includes HTML tags for the footer section, including a navigation bar and social media links.

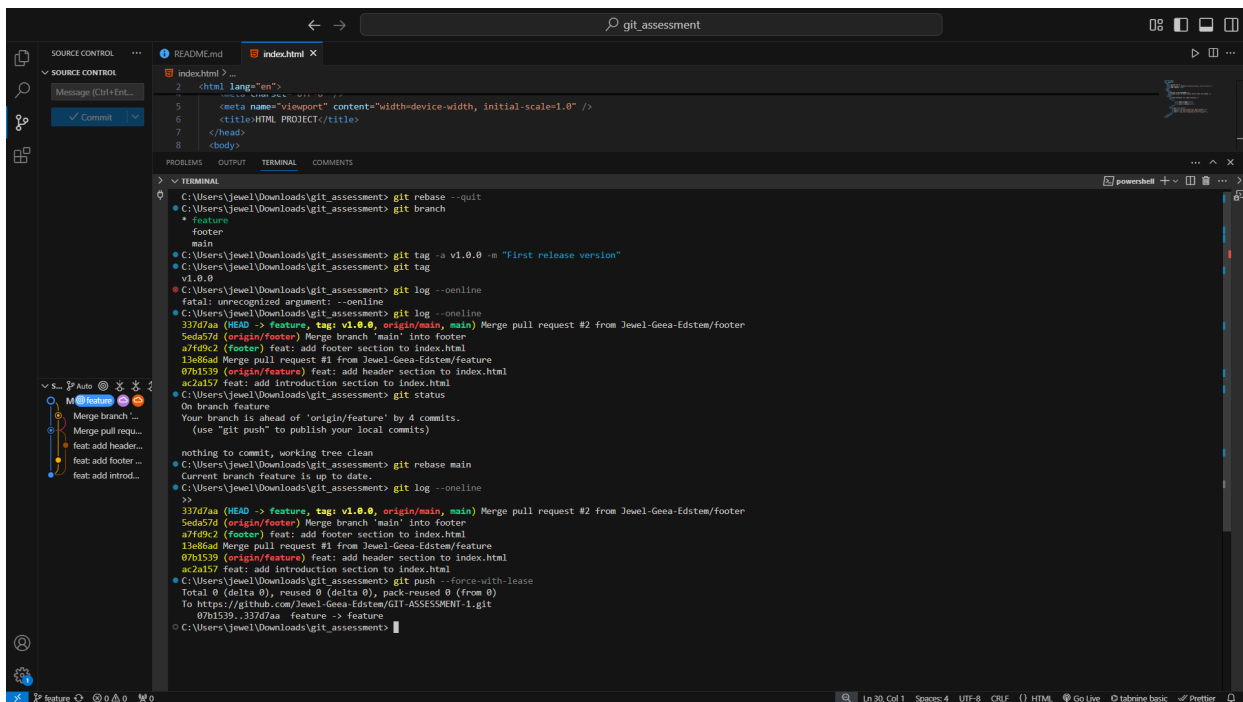
Resolving conflict



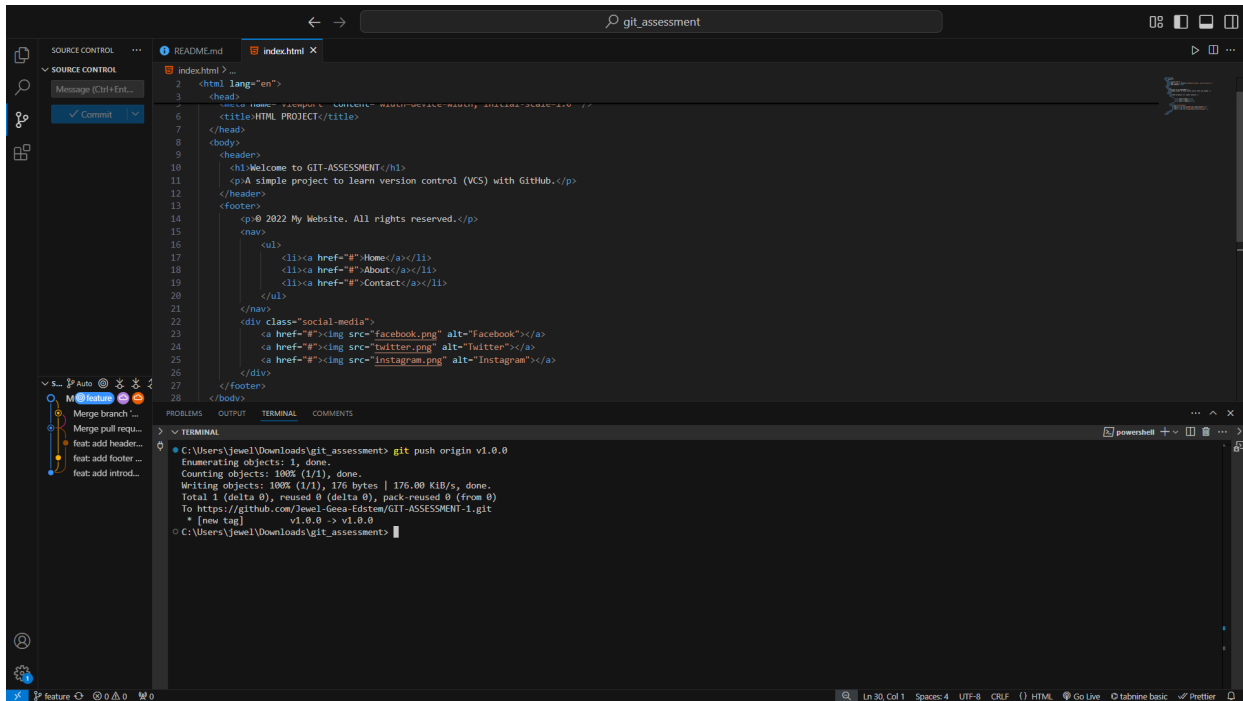


Part 4

Git rebase and release command



Pushing first release



The screenshot shows the Visual Studio Code interface with the 'index.html' file open in the editor. The file contains HTML code for a simple project. The Source Control panel on the left shows the commit history. The Terminal panel at the bottom shows the output of the 'git push' command.

```
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8" />
5 <title>HTML PROJECT</title>
6 </head>
7 <body>
8 <header>
9 <h1>Welcome to GIT-ASSESSMENT</h1>
10 <p>A simple project to learn version control (VCS) with Github.</p>
11 </header>
12 <footer>
13 <p>© 2022 My Website. All rights reserved.</p>
14 <nav>
15 <ul>
16 <li><a href="#">Home</a></li>
17 <li><a href="#">About</a></li>
18 <li><a href="#">Contact</a></li>
19 </ul>
20 </nav>
21 <div class="social-media">
22 <a href="#"></a>
23 <a href="#"></a>
24 <a href="#"></a>
25 </div>
26 </footer>
27 </body>
28 </html>
```

Source Control: index.html > ...
Commit: [Commit]

Terminal:
C:\Users\jewel\Downloads\git_assessment> git push origin v1.0.0
Enumerating objects: 1, done.
Counting objects: 100% (1/1), done.
Writing objects: 100% (1/1), 176 bytes | 176.00 KiB/s, done.
Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Jewel-Gesa-Edison/GIT-ASSESSMENT-1.git
* [new tag] v1.0.0 -> v1.0.0
C:\Users\jewel\Downloads\git_assessment>