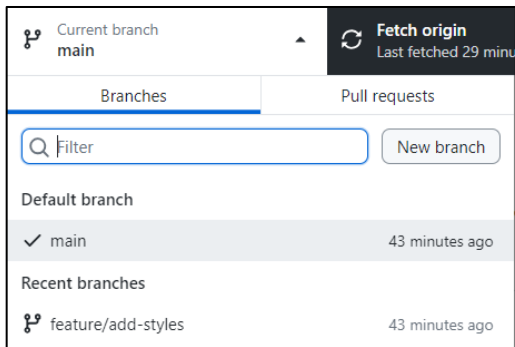
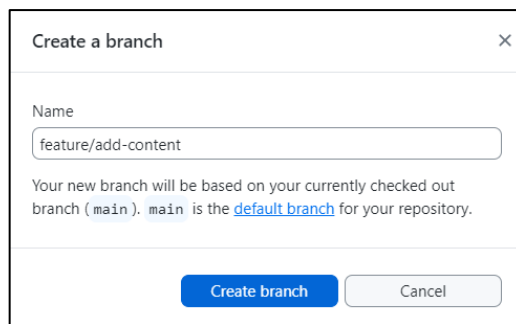


## Assignment 4: Resolve Merge Conflicts



### 1. Create a branch:

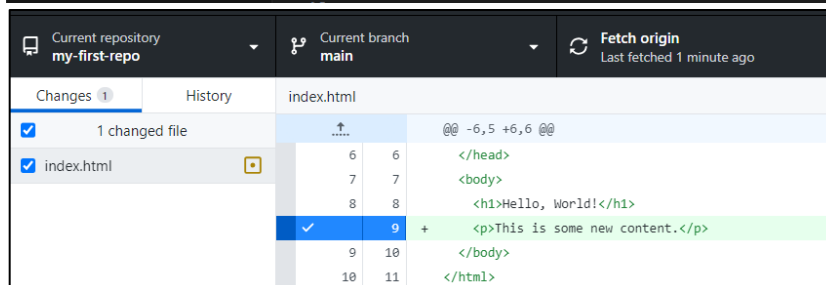
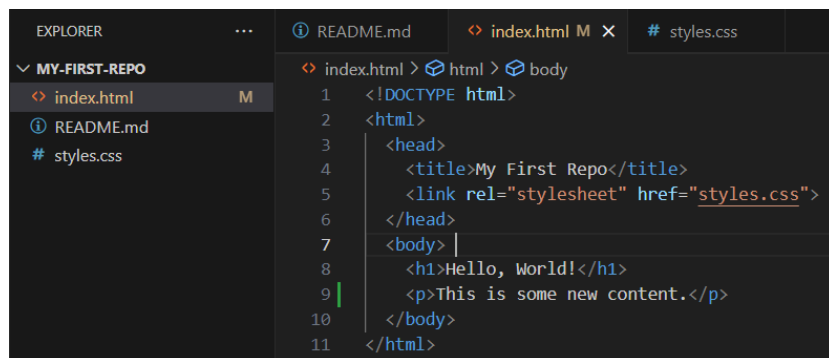
- Create a **new branch** called **feature/add-content**.




### 2. Add content:

- In **index.html**, add a paragraph inside the **<body>**:


`<p>This is some new content.</p>`



- **Commit and push the changes.**



Description

+


Commit to **main**




#### Publish your branch

The current branch ( `feature/add-content` ) hasn't been published to the remote yet. By publishing it to GitHub you can share it, open a pull request, and collaborate with others.






[Publish branch](#)

Always available in the toolbar or `Ctrl + P`

 **feature/add-content** had recent pushes 27 seconds ago
 [Compare & pull request](#)


 **feature/add-content**
 3 Branches
  0 Tags
 
[Add file](#)
[Code](#)


This branch is 1 commit ahead of `main`.
 [Contribute](#)

 <b>gaykhesachin</b>	In index.html, add a paragraph inside the <body>	9347487 · 1 minute ago	 5 Commits
 README.md	Add README.md	1 hour ago	
 index.html	In index.html, add a paragraph inside the <body>	1 minute ago	
 styles.css	Add styles.css	53 minutes ago	

### 3. Switch to main and make changes:

- Switch back to the **main** branch.

 Current branch  
**feature/add-content**


 **Fetch origin**  
Last fetched 2 minut

Branches


Pull requests


[New branch](#)

Default branch

 **main** 1 hour ago

Recent branches

✓  **feature/add-content** 2 minutes ago

 **feature/add-styles** 1 hour ago

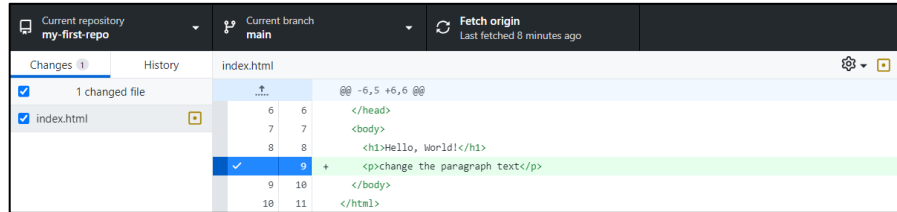
- Edit the same part of **index.html** (e.g., change the paragraph text).

The screenshot shows the VS Code interface. On the left, the Explorer sidebar shows a project named 'MY-FIRST-REPO' with files 'index.html', 'README.md', and 'styles.css'. The 'index.html' file is selected. The main editor area shows the content of 'index.html' with line numbers 1 through 11. The code is as follows:

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>My First Repo</title>
5     <link rel="stylesheet" href="styles.css">
6   </head>
7   <body>
8     <h1>Hello, World!</h1>
9     <p>change the paragraph text</p>
10  </body>
11 </html>

```



- **Commit** and **push** the changes.

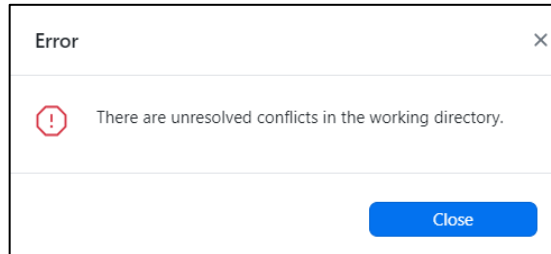
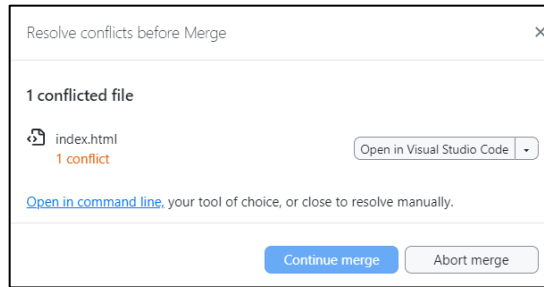
The screenshot shows the commit dialog box. The title is 'Edit the same part of index.html'. There is a 'Description' field with a placeholder text 'Description'. Below the description field is a 'Commit to main' button.

#### 4. Merge and resolve conflicts:

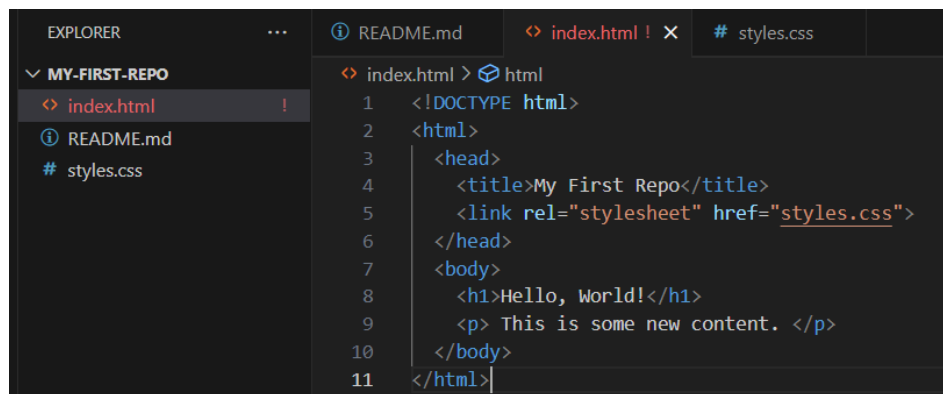
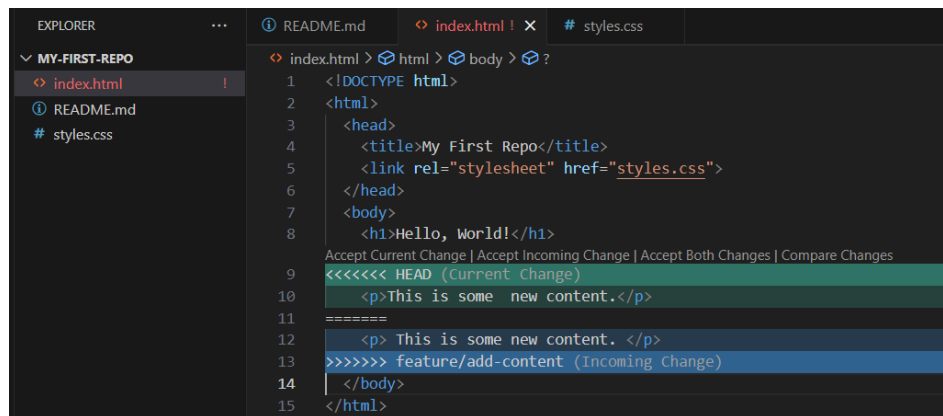
- Try to merge **feature/add-content** into **main**.

The screenshot shows the merge dialog box. The title is 'Merge into main'. There is a 'Filter' input field. Below the filter field, the 'Default branch' is 'main' (1 minute ago). Under 'Recent branches', there are two branches: 'feature/add-content' (2 minutes ago) and 'feature/add-styles' (3 hours ago). The 'feature/add-content' branch is selected. Below the branch list, there is a warning icon and a message: 'There will be 1 conflicted file when merging feature/add-content into main'. At the bottom, there is a 'Create a merge commit' button.

- GitHub Desktop will show a **conflict**.



- Open the **file** and **resolve** the conflict by choosing the **correct changes** or **combining them**.



- Mark the **conflict as resolved**, commit the **merge**, and **push**.

