

# ICP-1

Name : Tej Deep Parvatha Reddy

Email: tpgkd@umsystem.edu

GitHub Repo Link:

<https://github.com/TejdeepP/WebProgrammingSpring2022/tree/main/WebPart/ICP1>

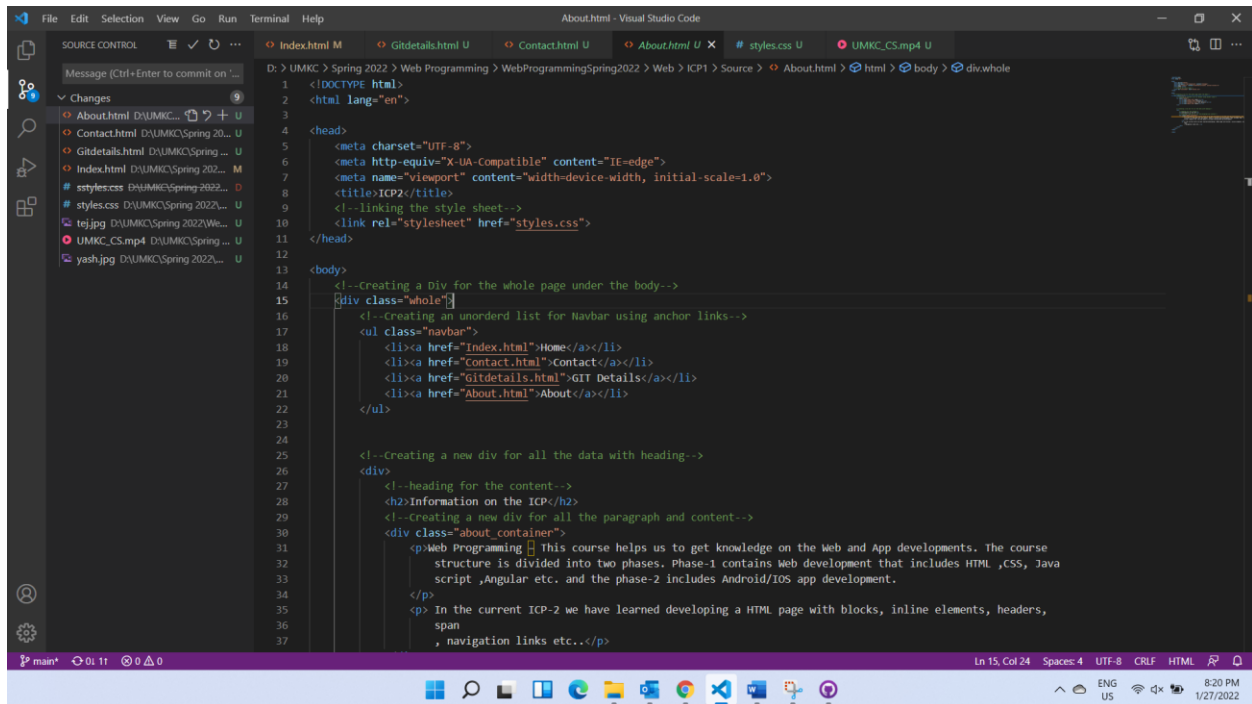
Partner Name :Yaswanth Paruchuri

Email: ypfm7@umsystem.edu

GitHub Repo link : <https://github.com/Yaswanthypfm7/WebDevCourse/tree/main/WebPart/ICP1>

## 1.Show that you have WebStorm/Visual Studio Code installed on your machine

I have visual studio code installed on my machine. I'm using Visual studio code as an editor for this Web Programming course which helps me to code html , CSS easily by giving suggestions.



```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>ICP2</title>
9   <!--linking the style sheet-->
10  <link rel="stylesheet" href="styles.css">
11 </head>
12
13 <body>
14   <!--Creating a Div for the whole page under the body-->
15   <div class="whole">
16     <!--Creating an unordered list for Navbar using anchor links-->
17     <ul class="navbar">
18       <li><a href="Index.html">Home</a></li>
19       <li><a href="Contact.html">Contact</a></li>
20       <li><a href="Gitdetails.html">GIT Details</a></li>
21       <li><a href="About.html">About</a></li>
22     </ul>
23
24     <!--Creating a new div for all the data with heading-->
25     <div>
26       <!--heading for the content-->
27       <h2>Information on the ICP-2</h2>
28       <!--creating a new div for all the paragraph and content-->
29       <div class="about_container">
30         <p>Web Programming This course helps us to get knowledge on the Web and App developments. The course structure is divided into two phases, Phase-1 contains Web development that includes HTML ,CSS, JavaScript ,Angular etc. and the phase-2 includes Android/iOS app development.
31         </p>
32         <p>In the current ICP-2 we have learned developing a HTML page with blocks, inline elements, headers, span , navigation links etc..</p>
33       </div>
34     </div>
35   </div>
36 </body>
37
```

## 2.Create a GitHub account. Create a repository in remote GitHub. Clone it to the local machine. Create 2 (Source and Documentation) directories in local GitHub ->

GitHub is a version system. Its original purpose was to assist teams of developers work collaboratively on massive software package comes. lowlife manages the evolution of a group of files – known as a repository – during a sane, extremely structured manner.

Cloning means we are moving the source code to either Remote to local or Local to Remote.

I have created a Repository for Web Programming named “WebProgrammingSpring2022” and created 2 folders named “Webpart” &” Mobile Part” as shown below:

The screenshot shows the GitHub repository page for 'TejdeepP / WebProgrammingSpring2022'. The repository is public and has 11 commits. The file list shows three files: 'MobilePart/ICP1', 'WebPart', and 'README.MD', all created 7 minutes ago. The README.MD file is expanded, showing the following content:

```
ICP-1

Name : Tej Deep Parvatha Reddy Email: tpgkd@umsystem.edu GitHub Repo Link:
https://github.com/TejdeepP/WebProgrammingSpring2022/tree/main/WebPart/ICP1

Name :Yaswanth Paruchuri Email: ypfm7@umsystem.edu GitHub Repo link :
https://github.com/Yaswanthypfm7/WebDevCourse/tree/main/WebPart/ICP1

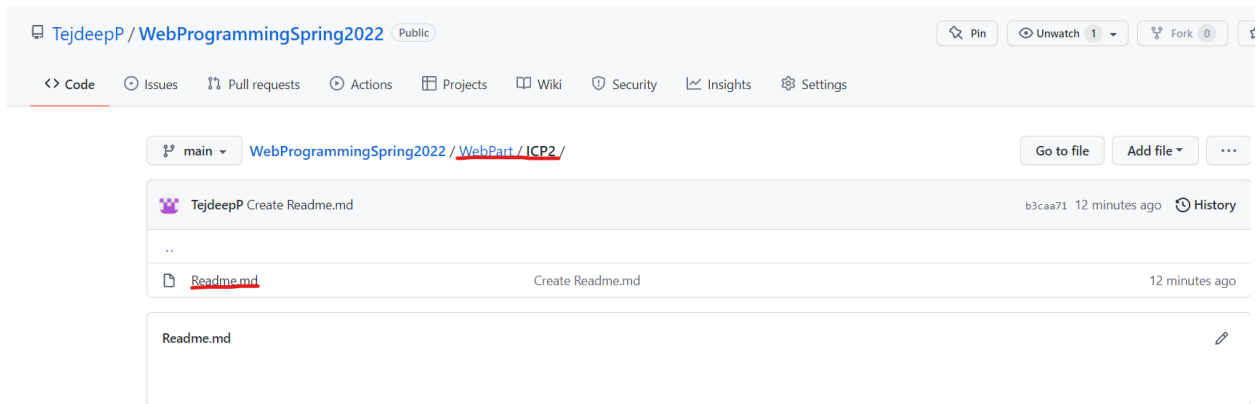
This repository is created for WebProgramming module course where we can learn about Web and App development
using various technologies like HTML , CSS , Javascripts , JQuery , ANGular/ReactJS etc. This repository is specially for
ICP-1 where we learn about GitHub and VSCode and the process behind them.
```

In the Webpart , I have created a folders named ICP1 & ICP2 and added a Readme.md files to the folder.

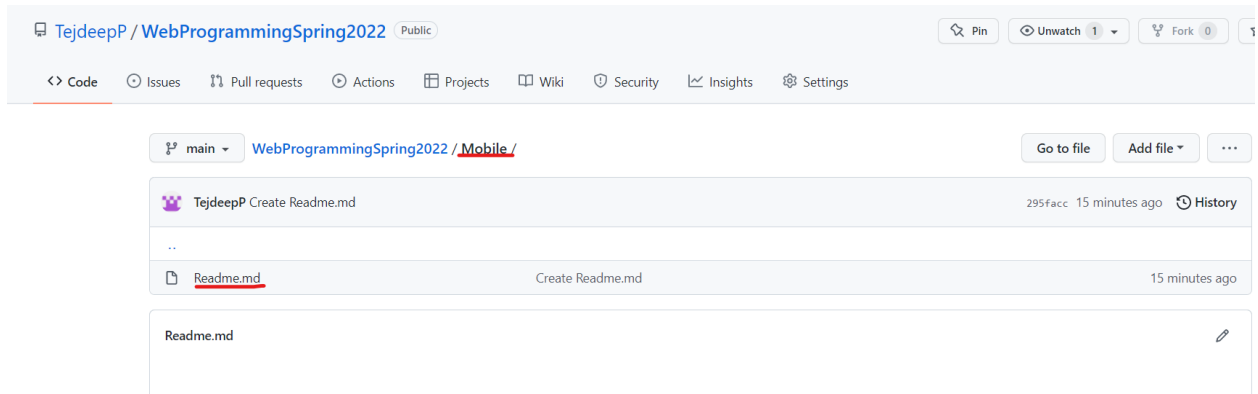
The screenshot shows the GitHub repository page for 'TejdeepP / WebProgrammingSpring2022' with the path 'WebPart / ICP1' selected. The file list shows three files: 'TejdeepP Create Readme.md', '...', and 'Readme.md', all created 12 minutes ago. The 'Readme.md' file is expanded, showing the following content:

```
Readme.md
```

ICP2



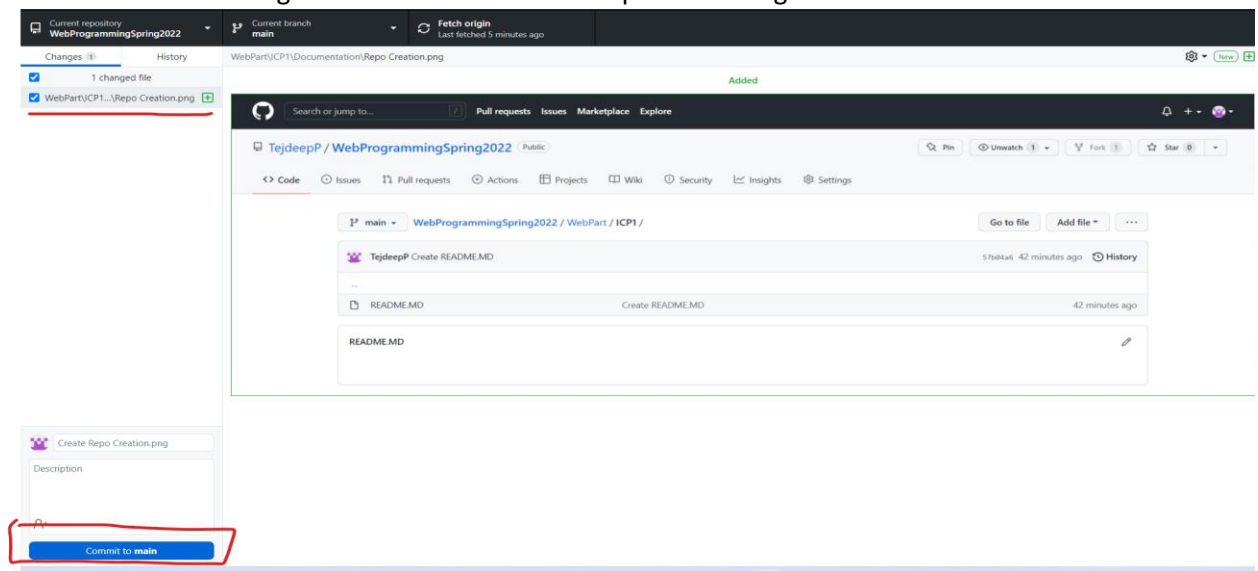
In the same way, created a folder for Mobile Part and added with Readme.md file to it.



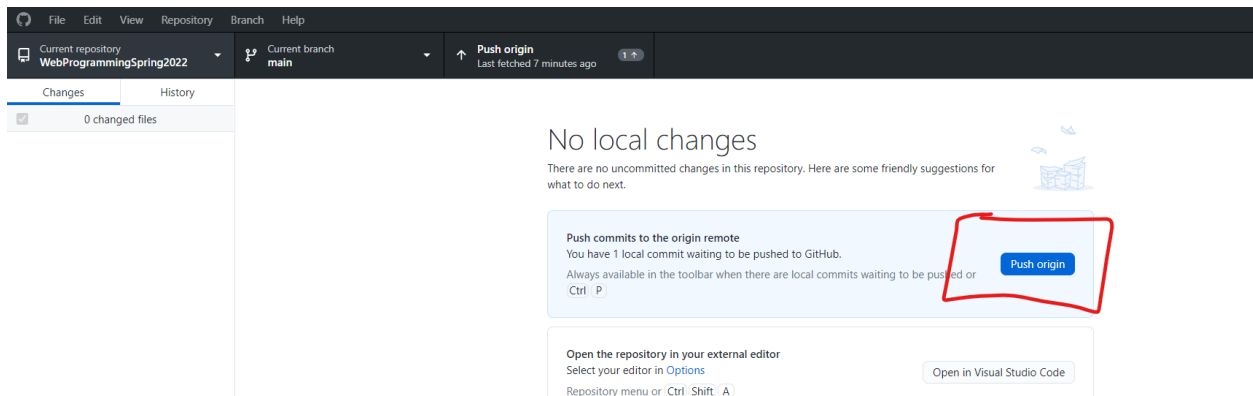
### 3. Takescreenshots of a repository creation and put them in the documentation folder in the local repository, and sync it to the remote repository

Added a file for repo creation in Documentation folder of ICP1 and now it has been cloning to Remote.

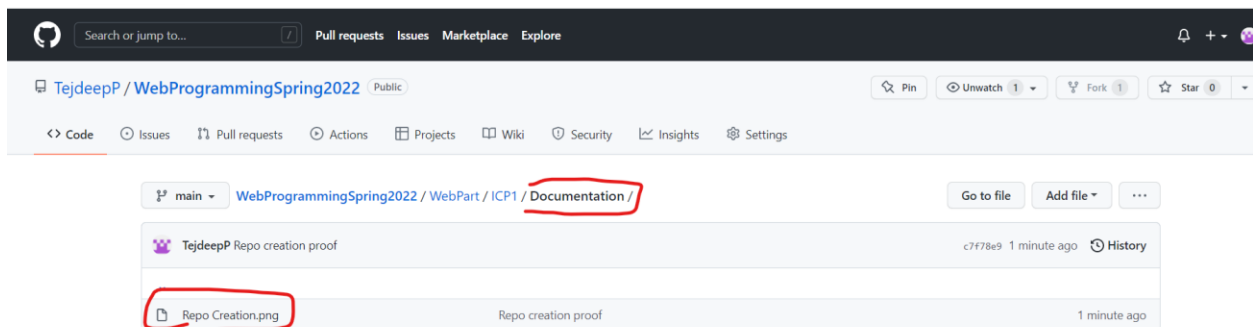
First we are committing it to main and later we will push it to origin .



## Pushing it to Origin

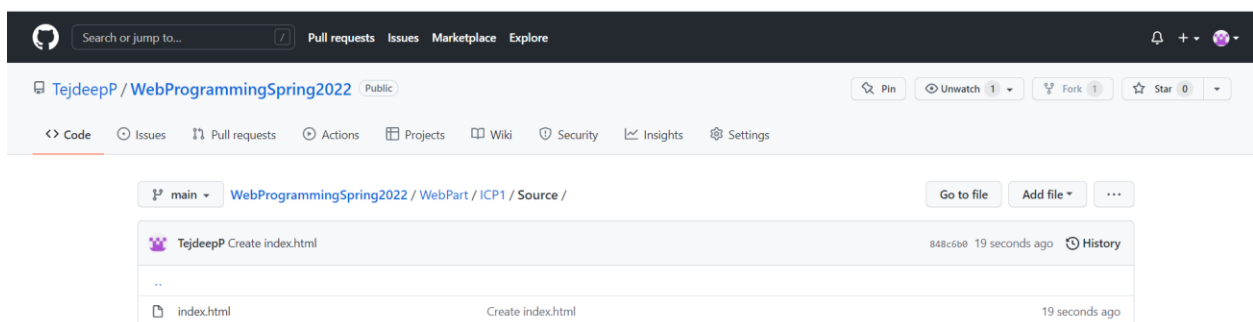


Now the file has been synced to the Remote Repository



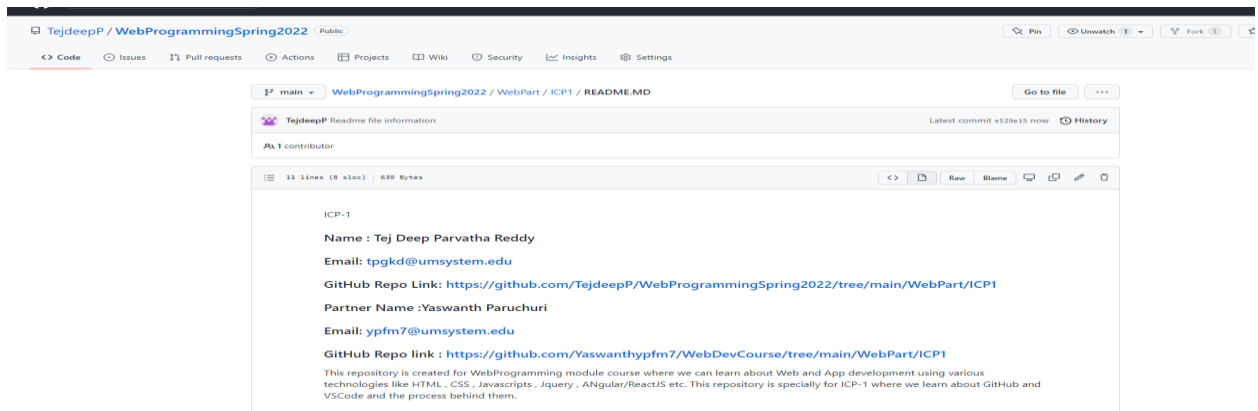
## 4. Create an HTML document named "index.html" and place it in the source folder

Created a file named index.html in local and placed it in source folder later we have cloned it to Remote Github using commit to main and push to origin commands.



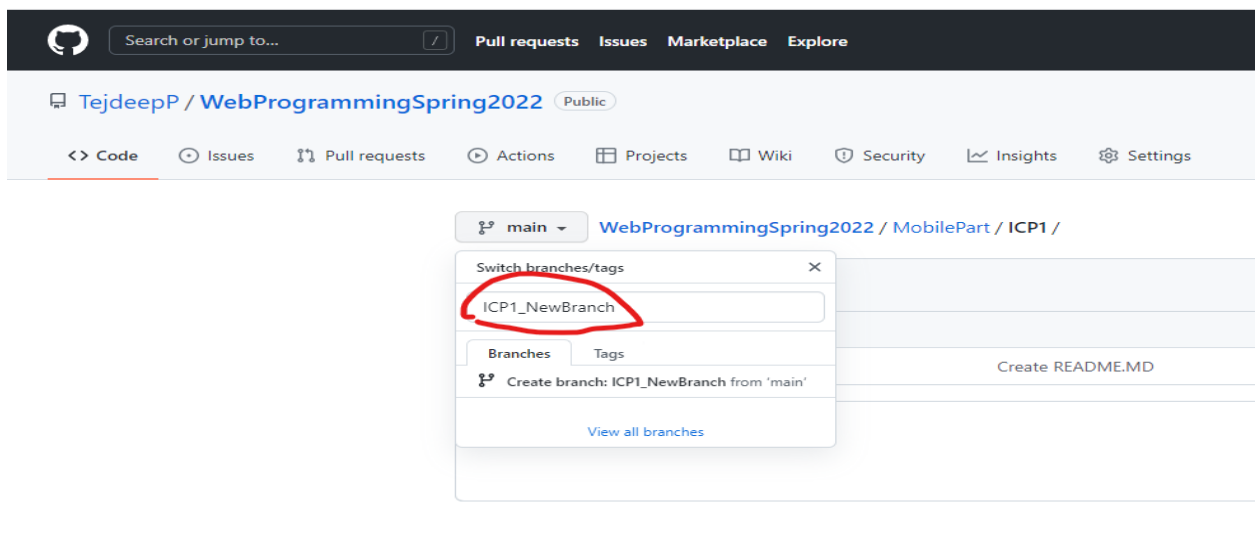
## 5. Write about your repository in README.MD file

Given repository and teammates info in the readme file.

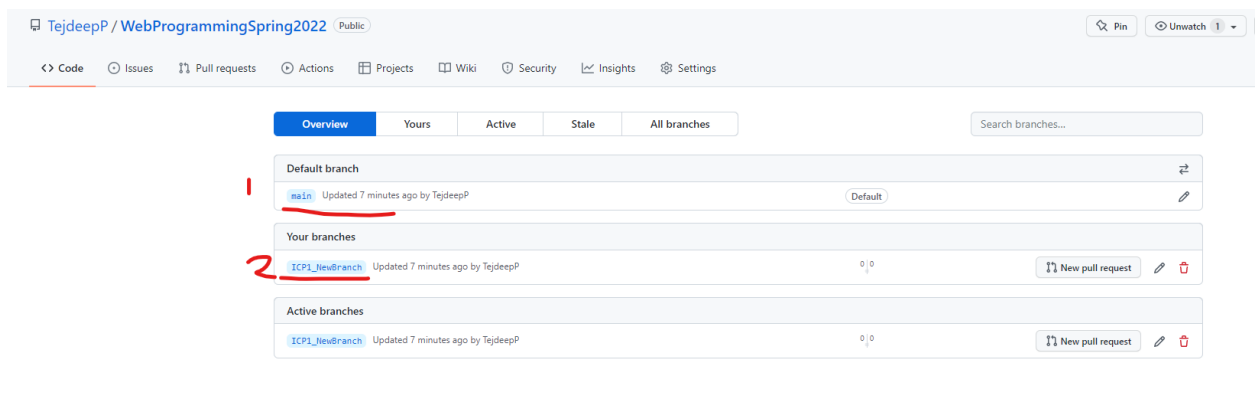


## 7. Create a branch for your repo and make a pull request

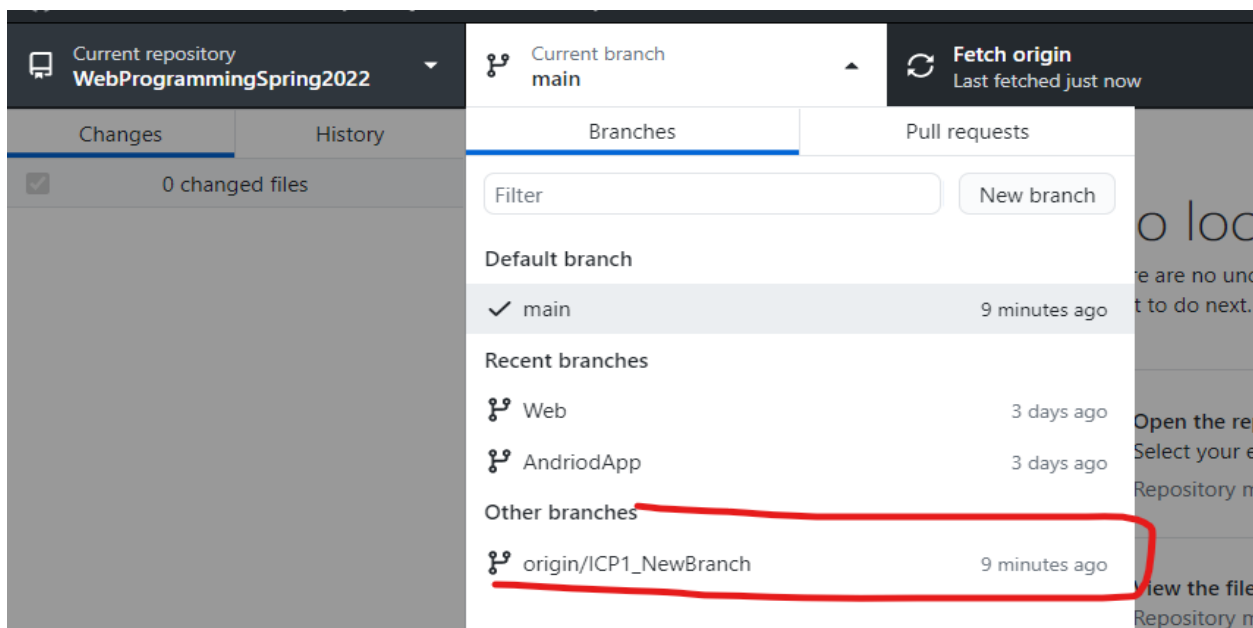
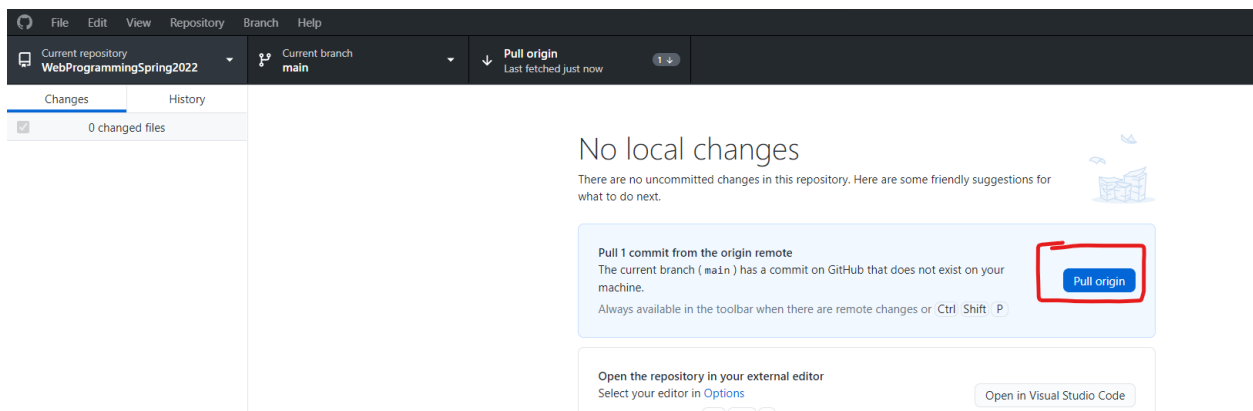
Creating a branch in GitHub for my repo -> We have to use branches so that multiple people can work on various branches and commit their code to the main branch



## Branch Created

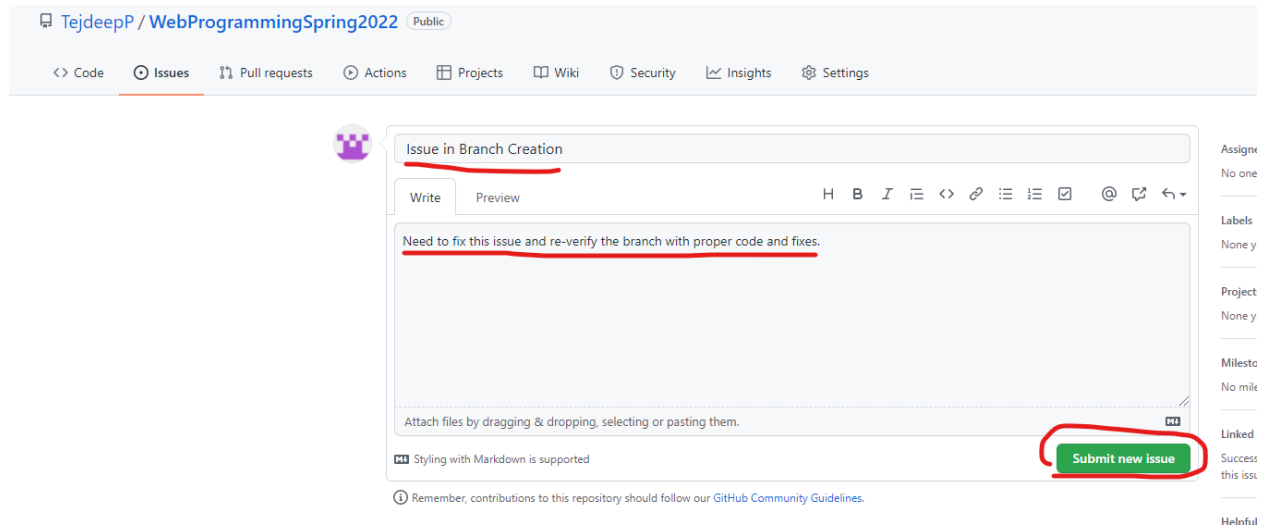


Making pull request so that the branch will be published to the GitHub

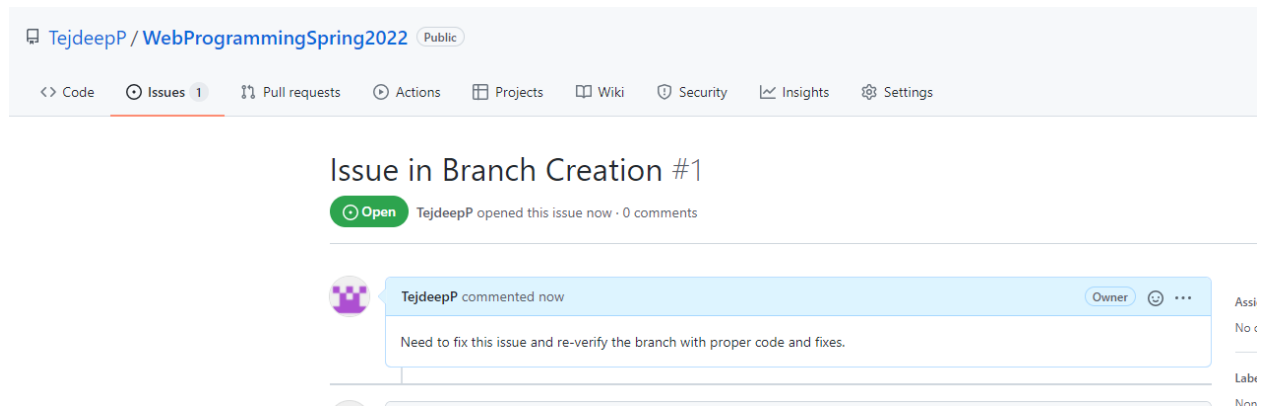


## 8. Create an issue and describe your pull request

We can create an issue and let the other developers know so that once they start pulling the code the next time , they can fix that and continue with coding.This helps us to work remotely and in an organized way without any blockers or code merge issues.



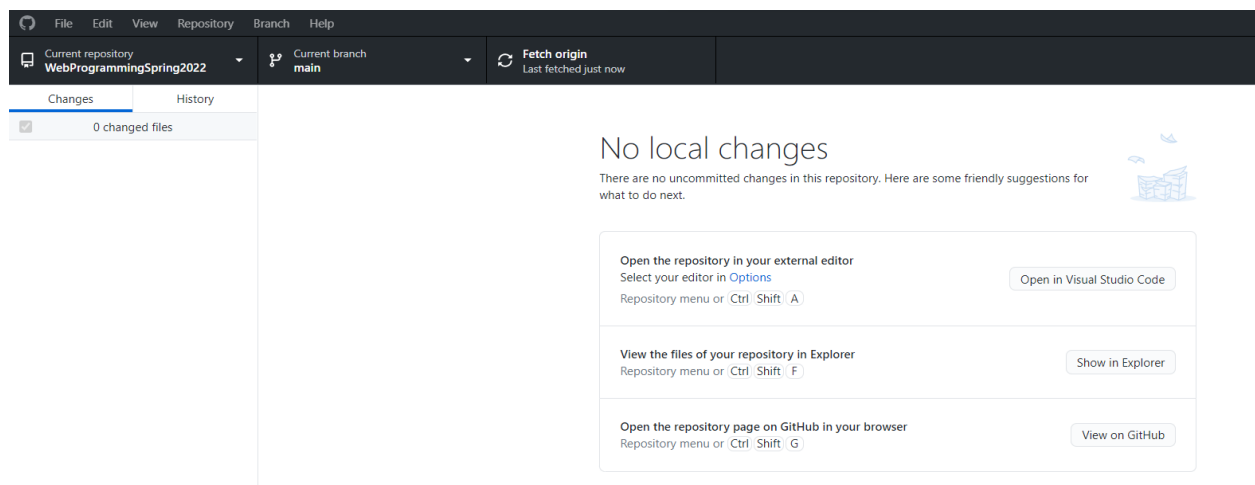
## Issue created successfully



## 9.Sync both local and Remote Repositories

Synced both repositories and there are no incoming and outgoing files.

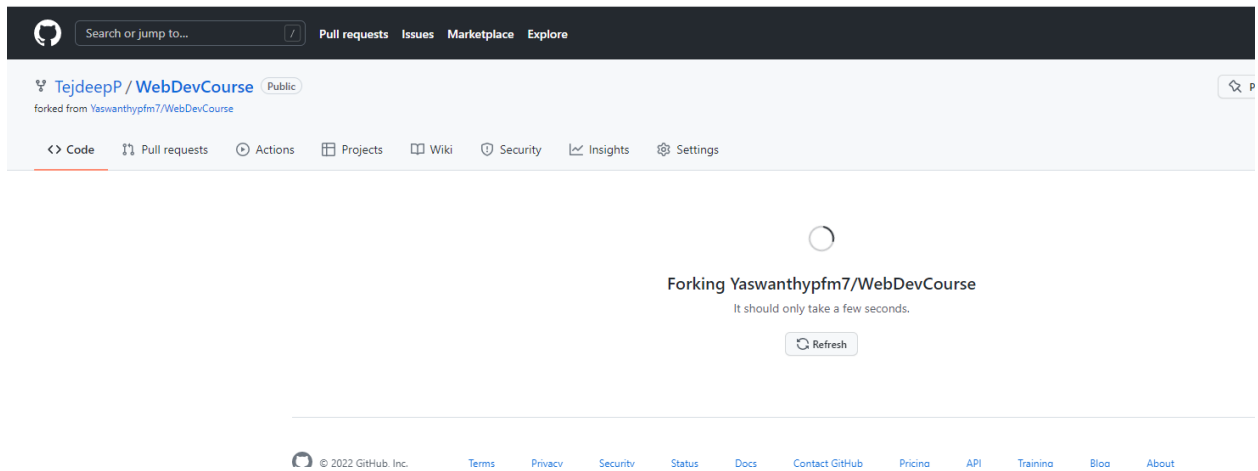
We use sync so that there should be no clash between the incoming and the outgoing files.



## 10. Fork any existing repository

Forking is the way of duplicating an existing project or repository to a local machine or remote GitHub.

Here I'm forking my teammate repository



Post Forking -> All the related info is being forked to my machine

