ICP1

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

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GitHub Repo Link:
https://github.com/TejdeepP/WebProgrammingSpring2022/tree/main/WebPart/ICP1

Introduction

VS Code:

VS Code is an open source cross-platform source code editor and is well known mainly in the web development community. It's fast, extensible, customizable, and has lots of features. Visual Studio Code combines the simplicity of a source code editor with powerful development tools such as IntelliSense code completion and debugging. It has so many different types of extensions that we need. Implementing Git and Github is easy and free. It is highly customizable and provides a very fast programming and debugging experience. The auto save feature and Compare the two files are one of VS Code's best features. Code highlighting and autocomplete will help you write your code easily.

Github:

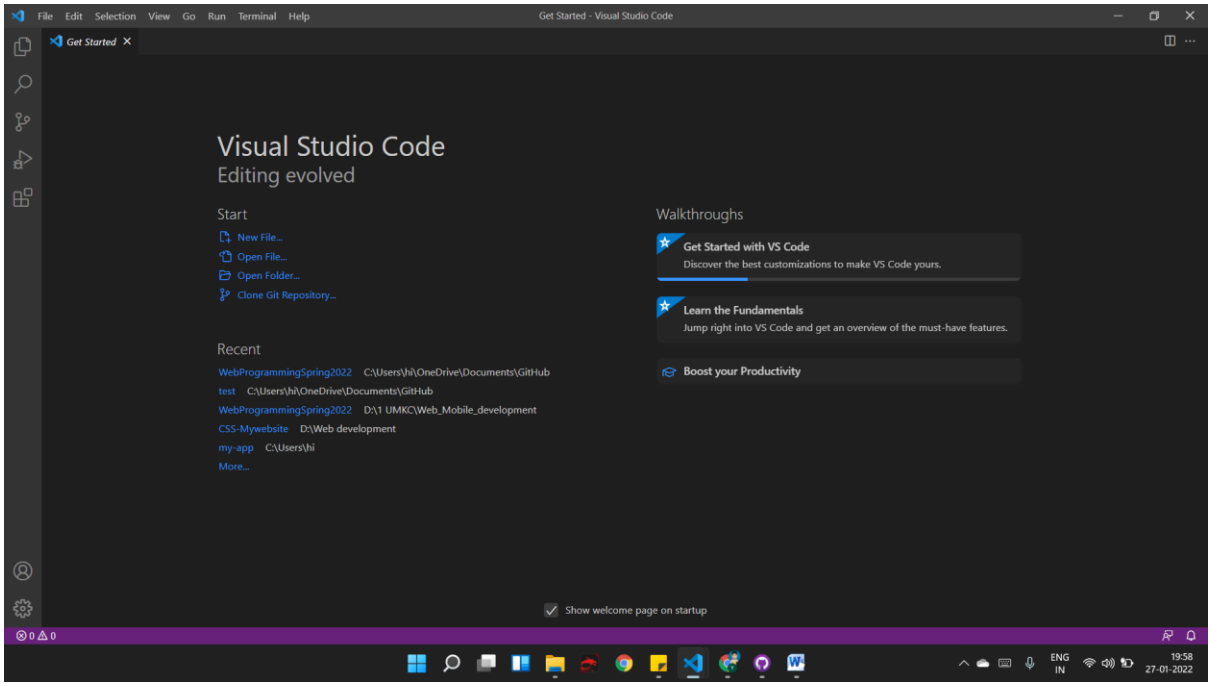
GitHub is a code hosting cloud platform for version control and team collaboration. It allows us to collaborate on a project from anywhere. GitHub features include creating repositories, branches, commits, and pull requests. This makes it easy to contribute to the open source project. To be honest, almost all open source projects use GitHub to manage their projects. GitHub helps teams to work together to create and work on website content.

Git is a command line tool but GitHub provides a web-based graphical interface and we have Github desktop to see the changes that are made in remote repository and local repository and acts as a bridge. It also provides access control and multiple collaboration features, including: B. Basic tools for Wiki and task management for each project. GitHub makes it easy to get great documentation. Their help center and guides have articles on almost every possible Git topic.

More than a million developers and companies develop, ship and maintain software on GitHub, the world's largest and most advanced development platform.

1.Show that you have IDE installed on your machine

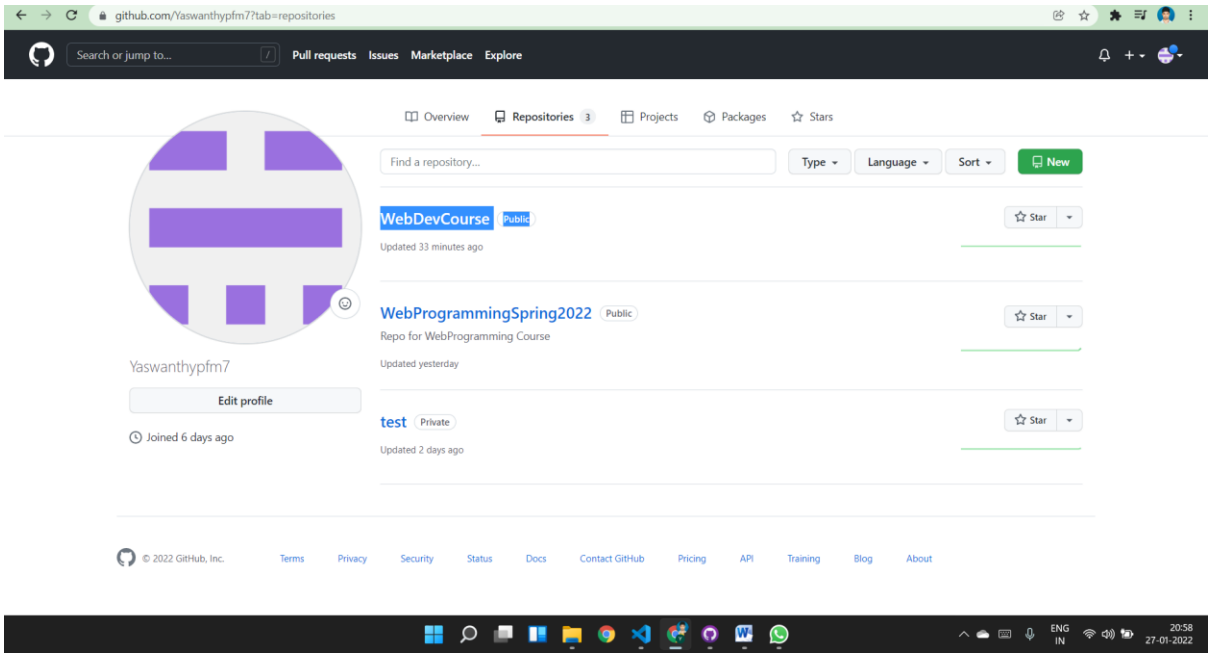
Visual studio code



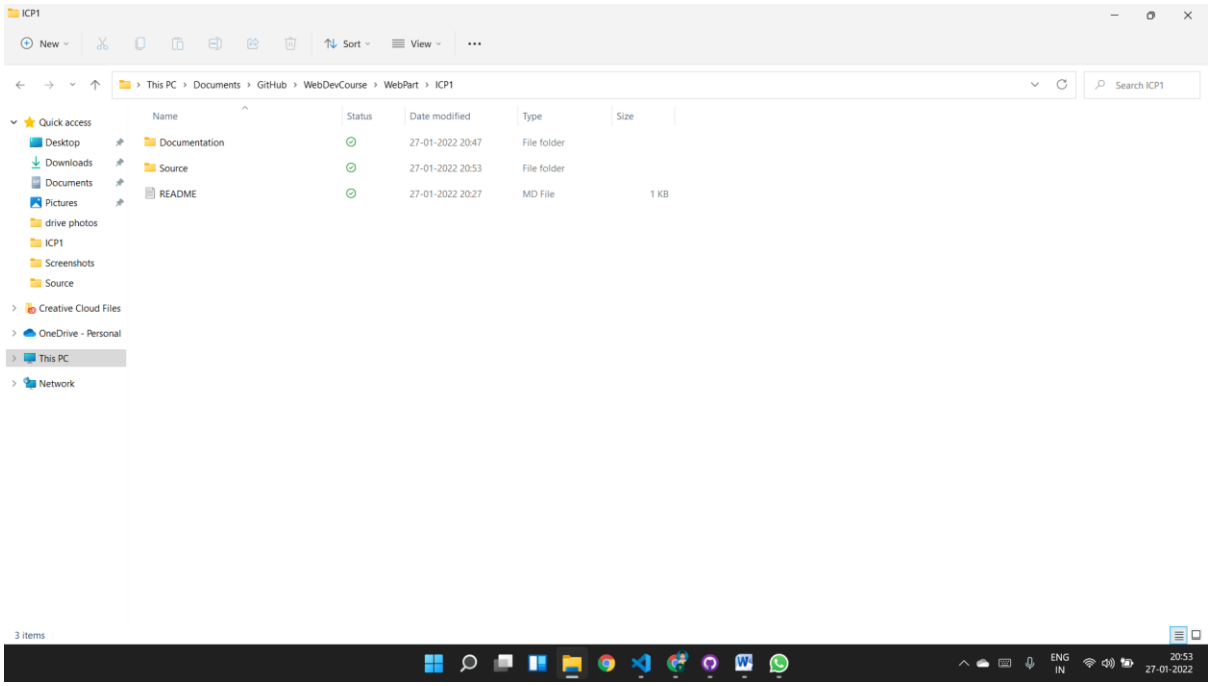
2. Create a GitHub account. Create a repository in remote GitHub. Clone it to the local machine. Create 2 (Source and Documentation) directories in local GitHub .

Created a Github account -Yaswanthypfm7

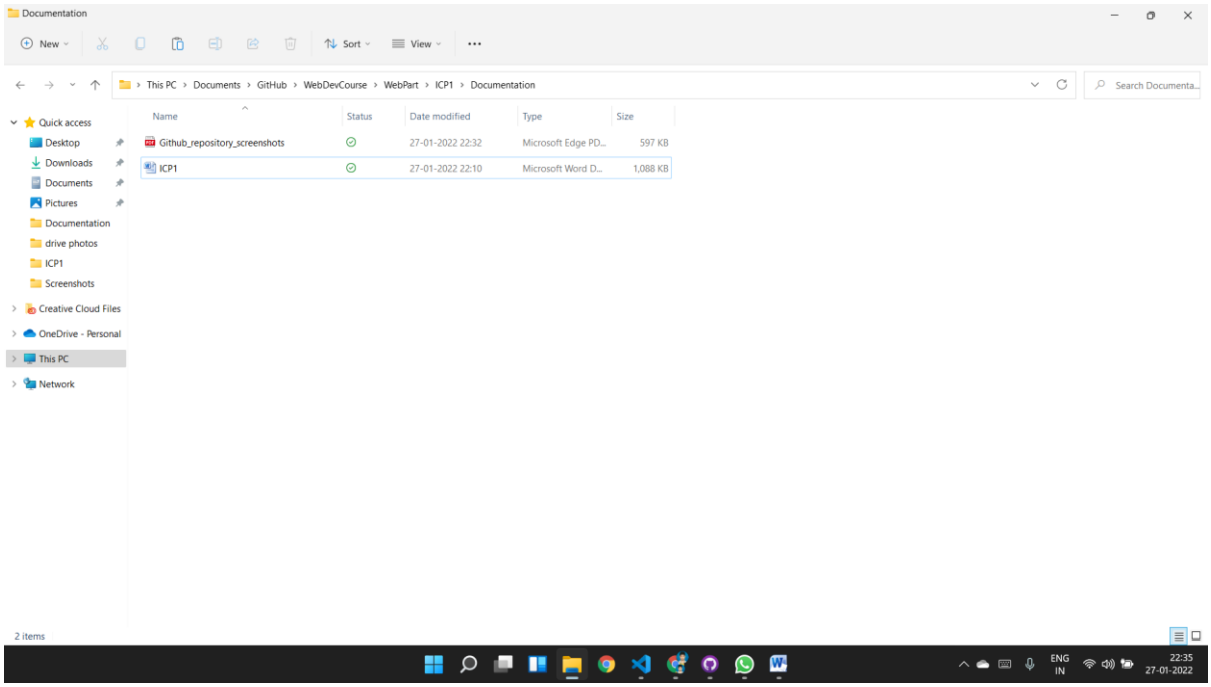
Created a repository in Remote Github – WebDevCourse

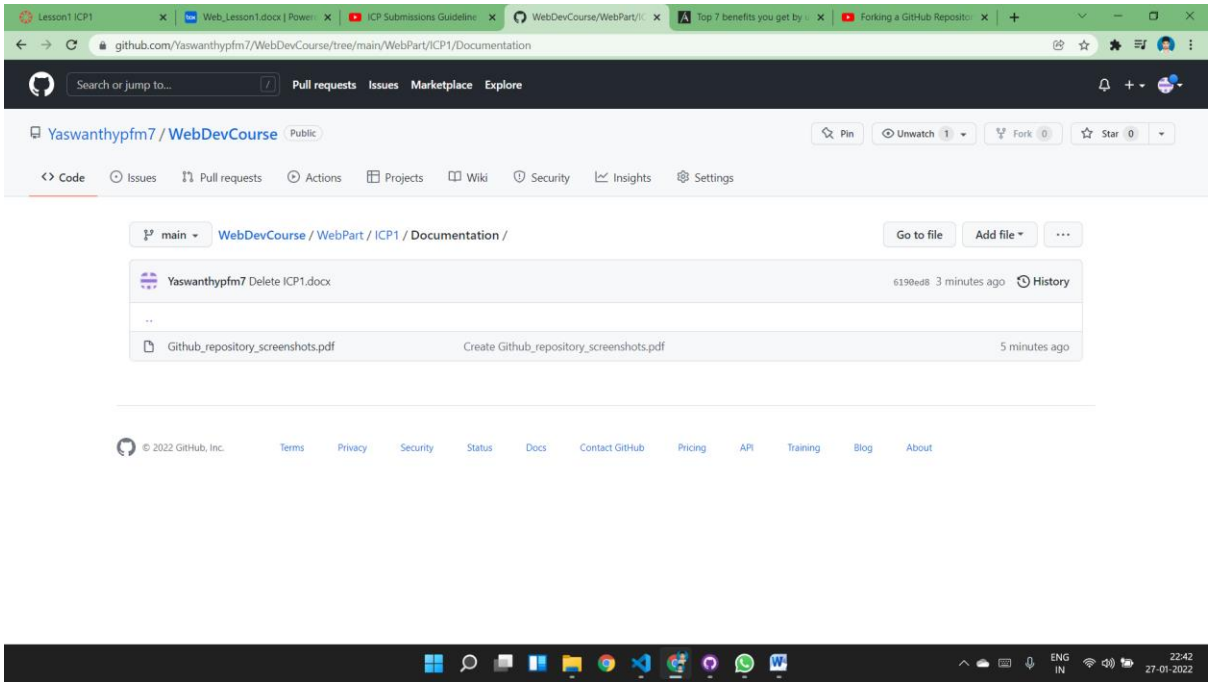


Cloned the Repository in local and created two local folders Source and Documentation



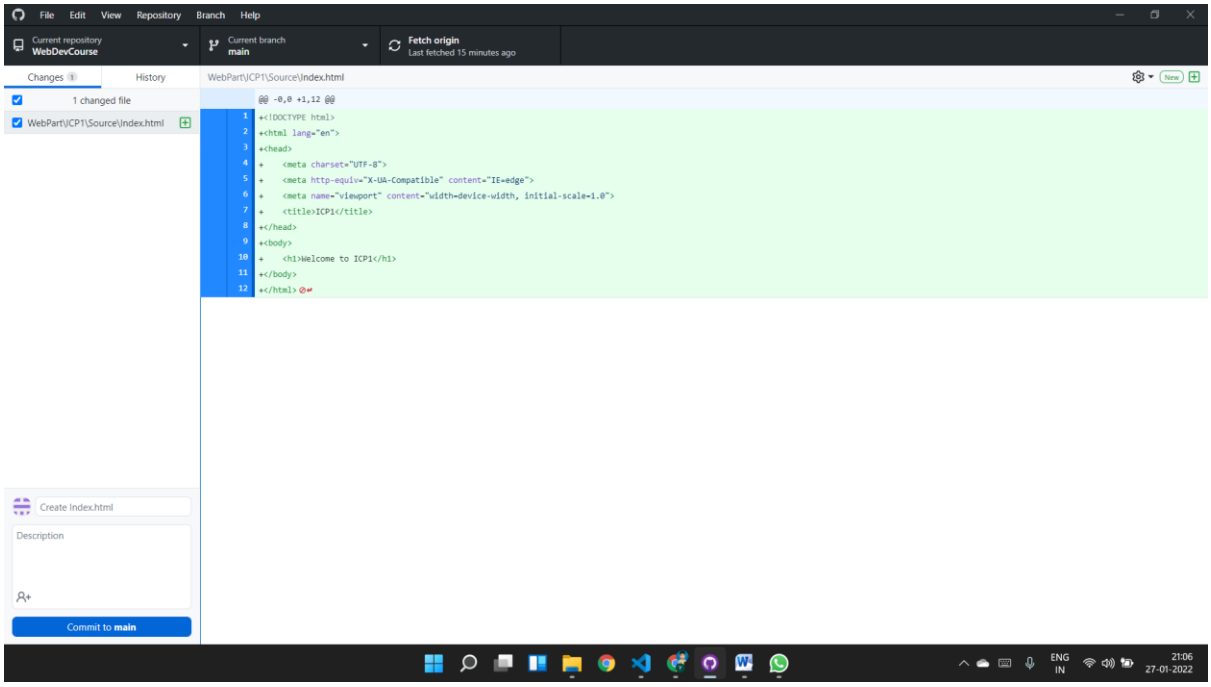
3.Takescreenshots of a repository creation and put them in the documentation folder in the local repository and sync it to the remote repository



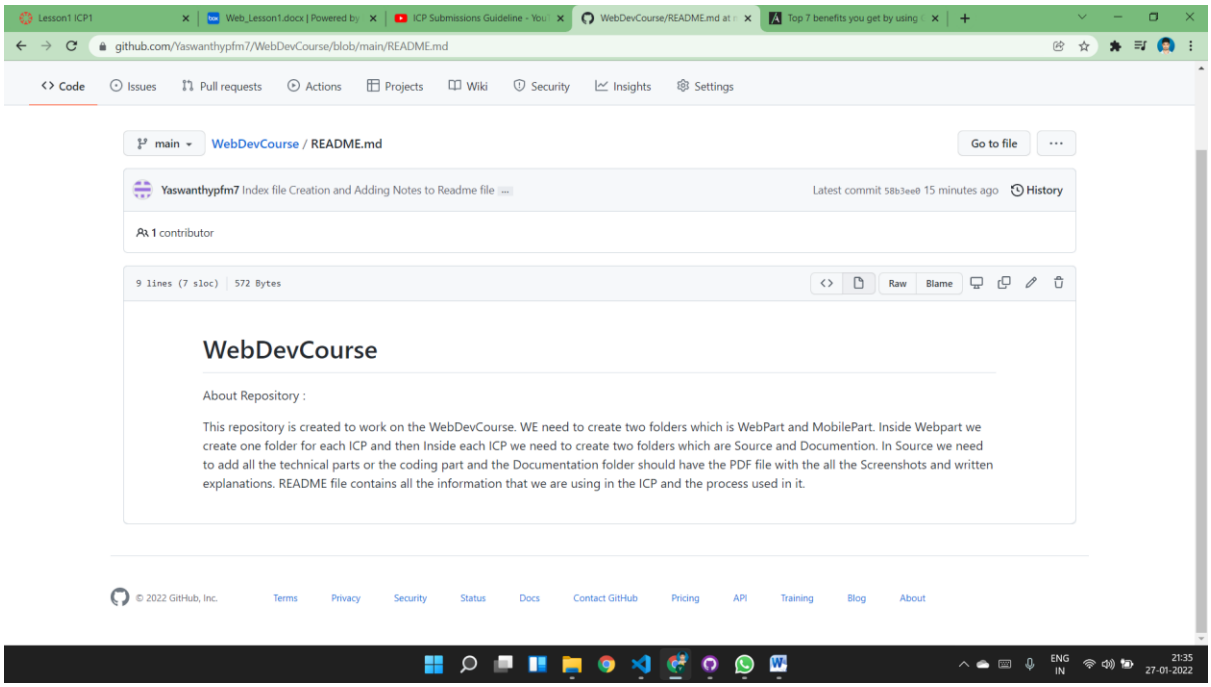


4.Create an HTML document named "index.html" and place it in the source folder

Creating a new file Index.html in Source folder and locating the changes in Github desktop

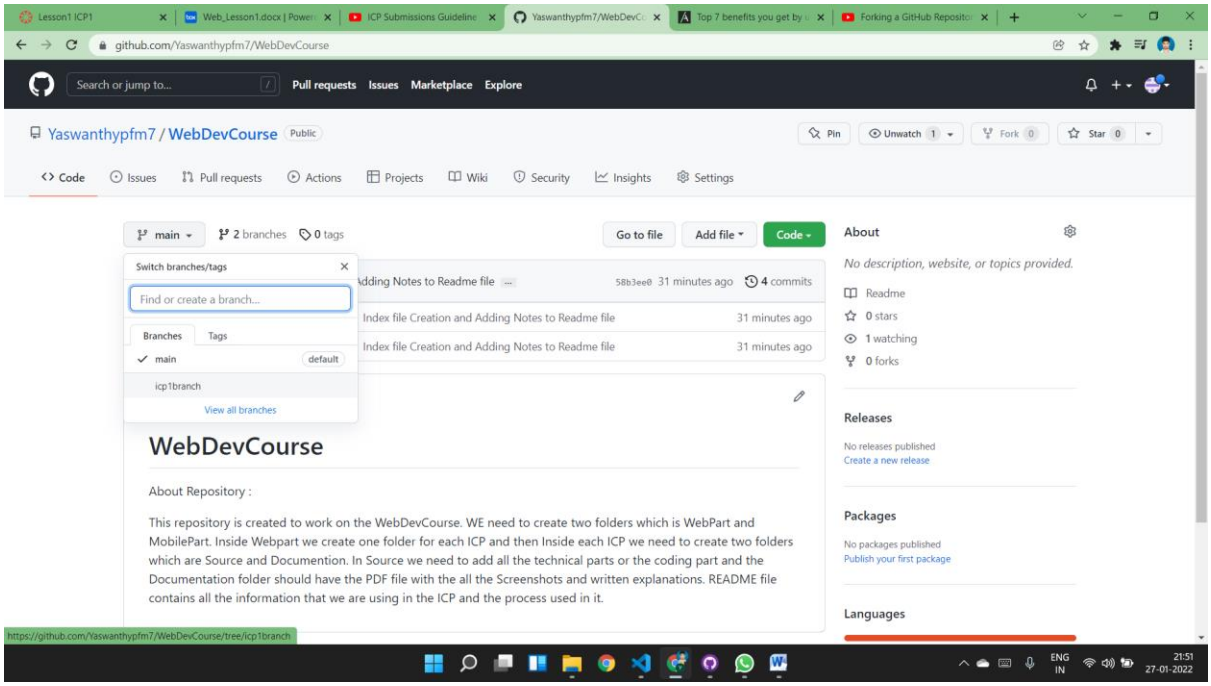


5.Write about your repository in README.MD file



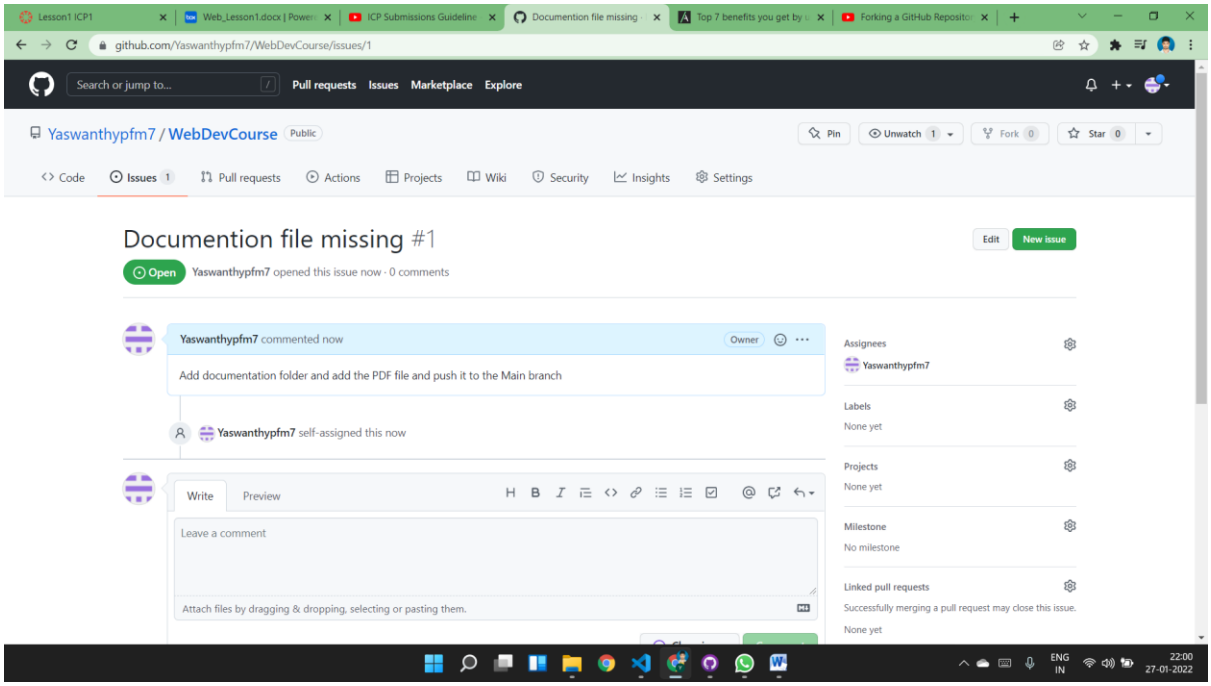
7.Create a branch for your repo and make a pull request

New branch created : icp1branch is the new branch created from main

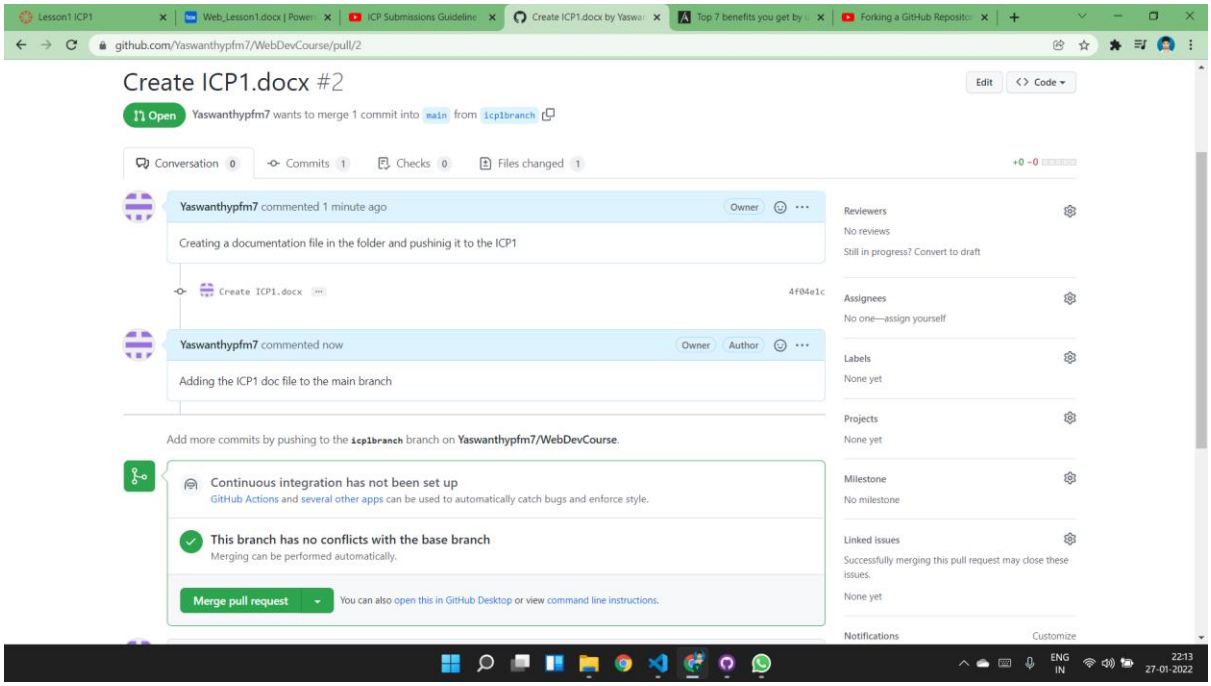


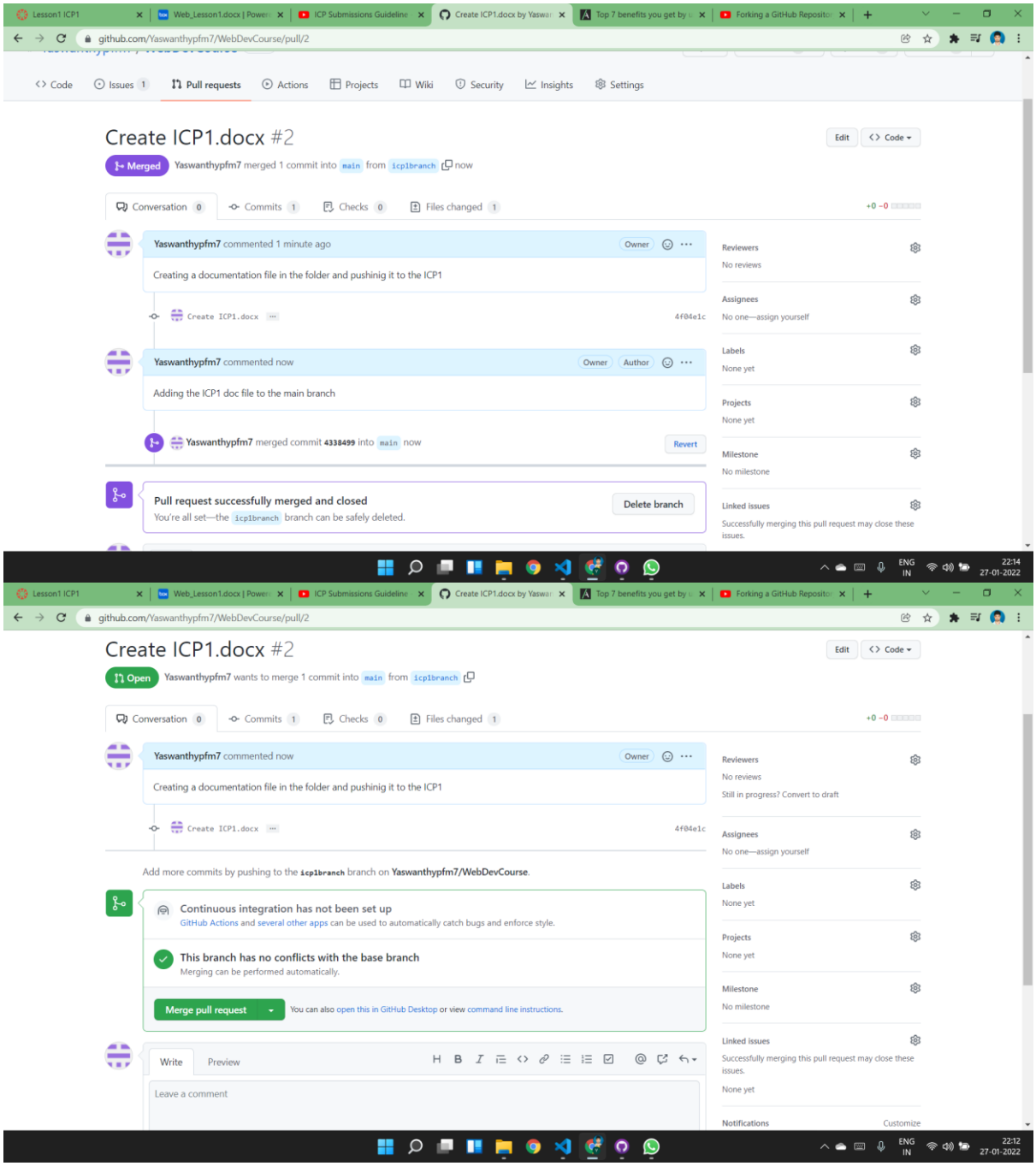
8.Create an issue and describe your pull request

Created an issue by clicking on the issues and click on the new issue and description is given as the documentation folder is missing with the PDF file.



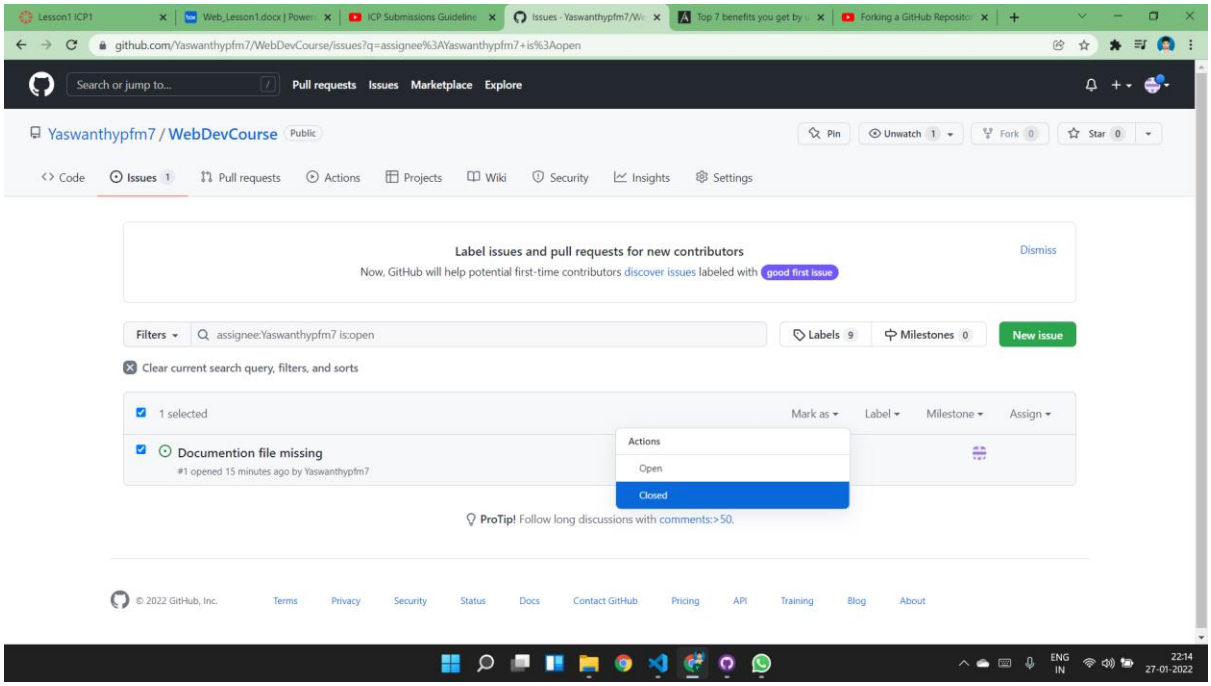
Creating a pull request for the issue changes from ICP1 to Main branch by cllicking on the new pull request and select thed estination as the Main and source as the ICP1 Branch.




github.com/Yaswanthypfm7/WebDevCourse/pull/2
Code
Issues 1
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Create ICP1.docx #2
Edit
Code
Merged
Yaswanthypfm7 merged 1 commit into main from icp1branch now
Conversation 0
Commits 1
Checks 0
Files changed 1
+0 −0
Yaswanthypfm7 commented 1 minute ago
Owner
Creating a documentation file in the folder and pushinig it to the ICP1
Create ICP1.docx
4f04e1c
Yaswanthypfm7 commented now
Owner
Author
Adding the ICP1 doc file to the main branch
Yaswanthypfm7 merged commit 4338499 into main now
Revert
Pull request successfully merged and closed
You're all set—the icp1branch branch can be safely deleted.
Delete branch
Reviewers
No reviews
Assignees
No one—assign yourself
Labels
None yet
Projects
None yet
Milestone
No milestone
Linked issues
Successfully merging this pull request may close these issues.
ENG
IN
22:14
27-01-2022

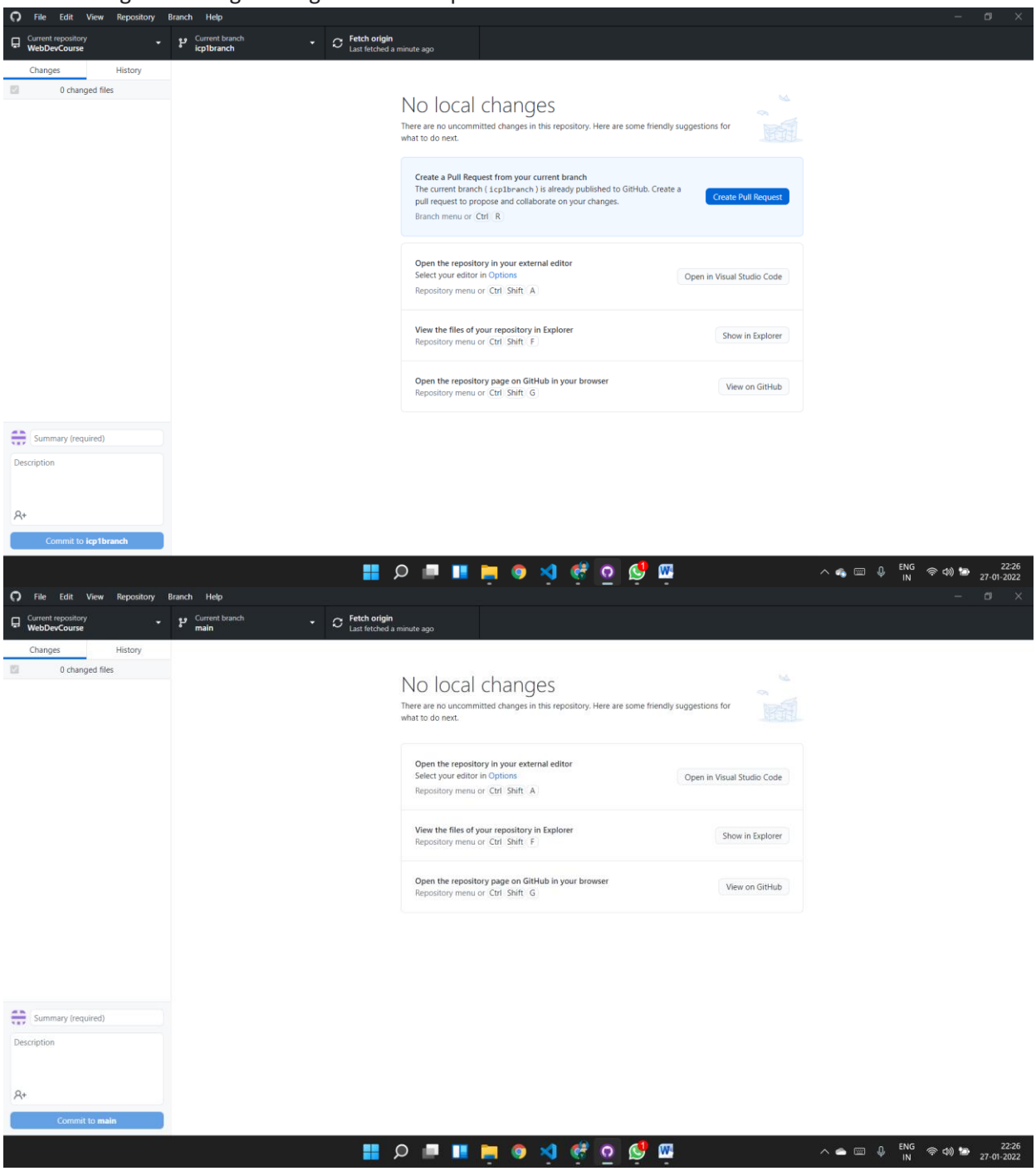
github.com/Yaswanthypfm7/WebDevCourse/pull/2
Create ICP1.docx #2
Edit
Code
Open
Yaswanthypfm7 wants to merge 1 commit into main from icp1branch
Conversation 0
Commits 1
Checks 0
Files changed 1
+0 −0
Yaswanthypfm7 commented now
Owner
Creating a documentation file in the folder and pushinig it to the ICP1
Create ICP1.docx
4f04e1c
Add more commits by pushing to the icp1branch branch on Yaswanthypfm7/WebDevCourse.
Continuous integration has not been set up
GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.
This branch has no conflicts with the base branch
Merging can be performed automatically.
Merge pull request
You can also open this in GitHub Desktop or view command line instructions.
Write
Preview
Leave a comment
Reviewers
No reviews
Still in progress? Convert to draft
Assignees
No one—assign yourself
Labels
None yet
Projects
None yet
Milestone
No milestone
Linked issues
Successfully merging this pull request may close these issues.
None yet
Notifications
Customize
ENG
IN
22:12
27-01-2022

Issue is closed successfully after completing the task and closing the pull request



9.Sync both local repositories with the source and documentation folders with the remote repository

Click on fetch in github desktop to see if there are any new changes in the local or remote and if there are any new changes then sync them. As both the branches are in sync and up to date as there are no changes showing in the git hub desktop



10.Fork any existing repository.

Forking is used to make changes to any already existing repository the changes made in your repository does not affect the original repository but we can raise a pull request for the original repository to add any changes we consider that are necessary to it.

First open the link that we are planning to fork and then click on fork on the top of the repository to fork it.

Forking my partners repository and adding the screenshot below