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GitHub link: https://github.com/kunisettysarath/WebMobileProgramming-Spring22/tree/main/WebDevelopment/ICP's/ICP1

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GitHub link: https://github.com/Dharmateja183/Web-and-Mobile-programming-spring-2022/tree/main/Webpart/ICP1

GitHub and VS Code

Objective: The goal of ICP1 is to learn about the tools GitHub desktop and code editors
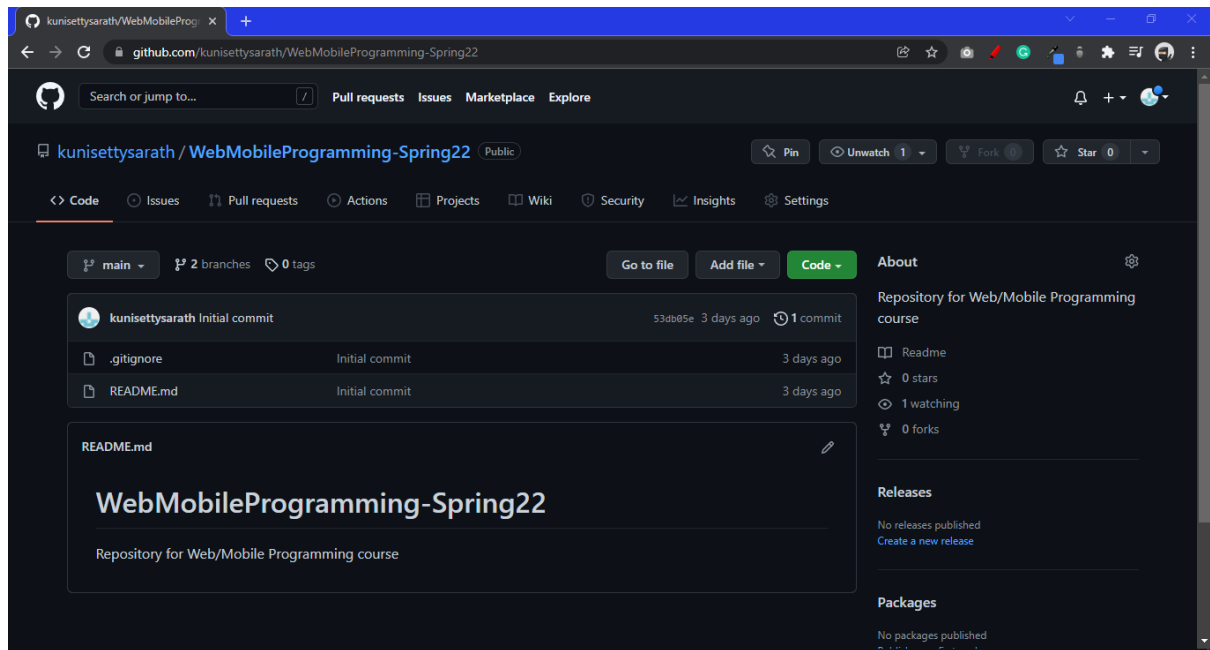
Introduction:

GitHub is an online version control platform through which the programmers will be able to store, share and manage their code. It also allows the users to track all of the activities that have been taken place in a project.

Visual studio code (VS Code) is a light weight open source free code editor which supports most of the popular programming languages like Node.js, Java, JavaScript, Python, GO, etc. VS Code is highly customizable with plenty of extensions which makes life of programmers easy, few of such useful extensions are **ES Lint**, **Auto Rename Tag**, etc.,
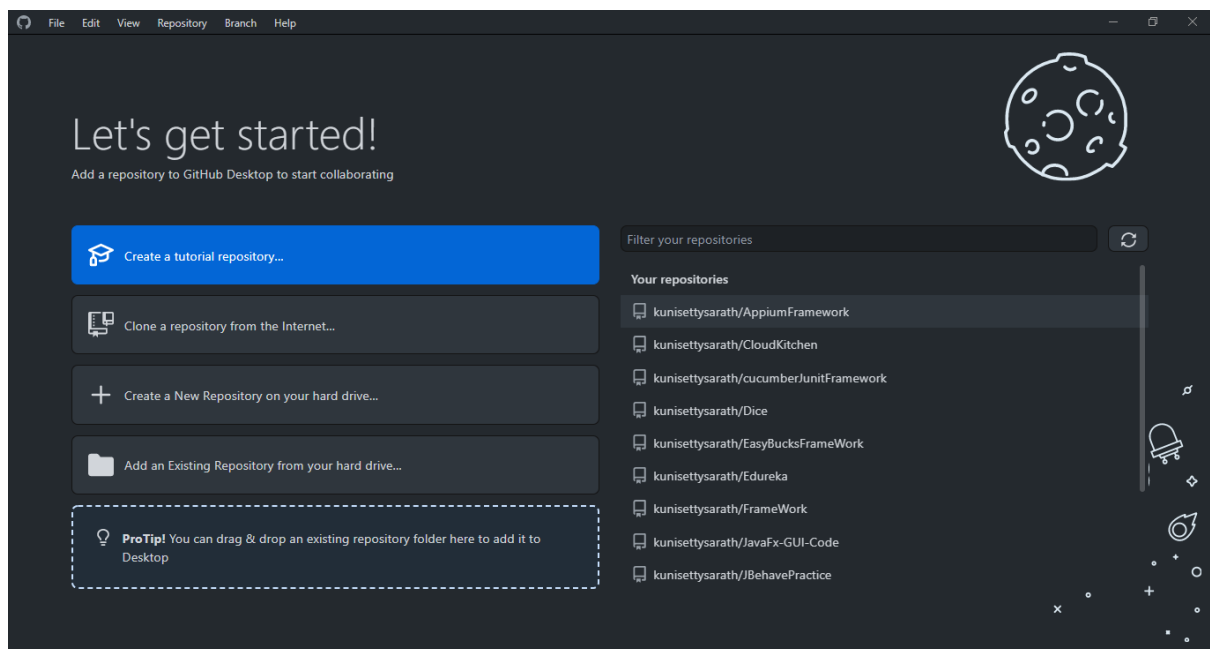
Tasks:

1. Initially we have created a GitHub repository naming "WebMobileProgramming-Spring22" in GitHub and later on we have cloned that remote repository into local repository using GitHub Desktop.
2. Later a new branch was created in GitHub for icp1 submission and we had checked to that branch in local repository using GitHub desktop
3. Then required folders for source and documentation was created for icp1 and the source folder was imported in VS code and there a new HTML page with sample boilerplate code was added
4. These changes were automatically tracked in the GitHub desktop and then the code was committed and pushed into the remote repository using GitHub desktop.
5. As the changes were in another branch apart from main a pullrequest was created for "ICP1-submission" branch and the branch is merged into the main branch.
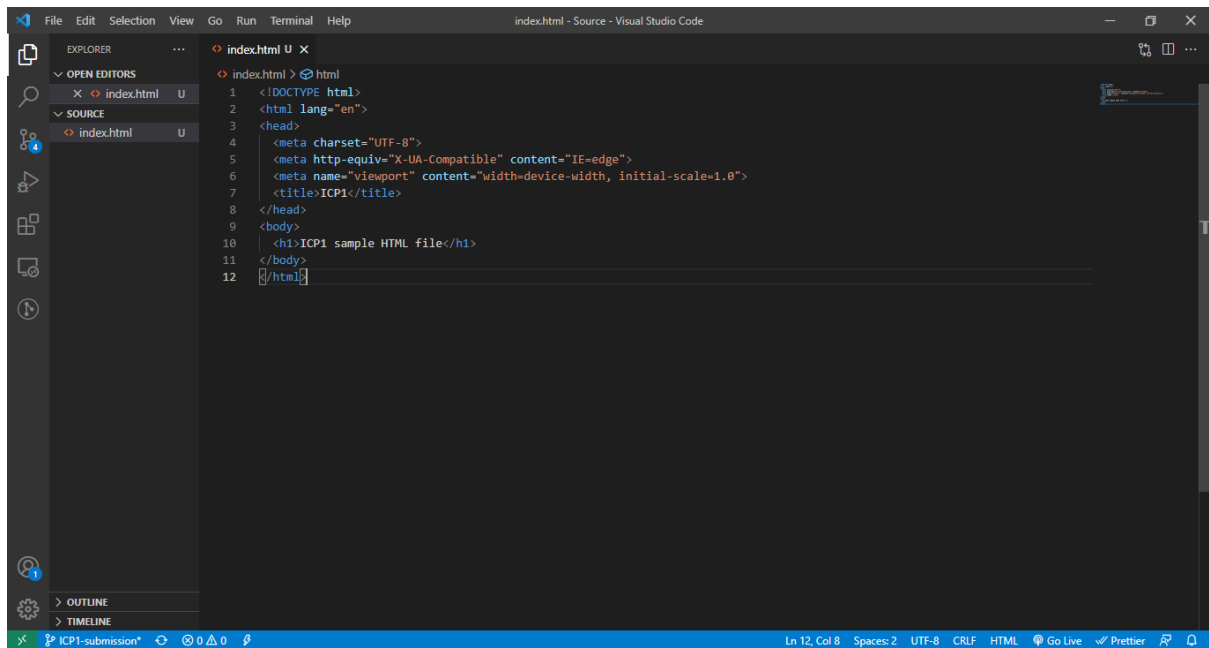
GitHub Repository:
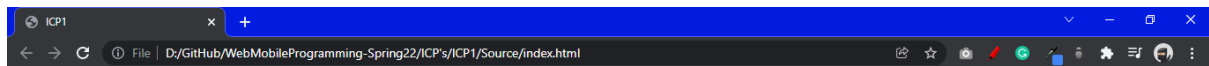

GitHub Desktop:

VS Code Editor:

HTML output:

ICP1 sample HTML file