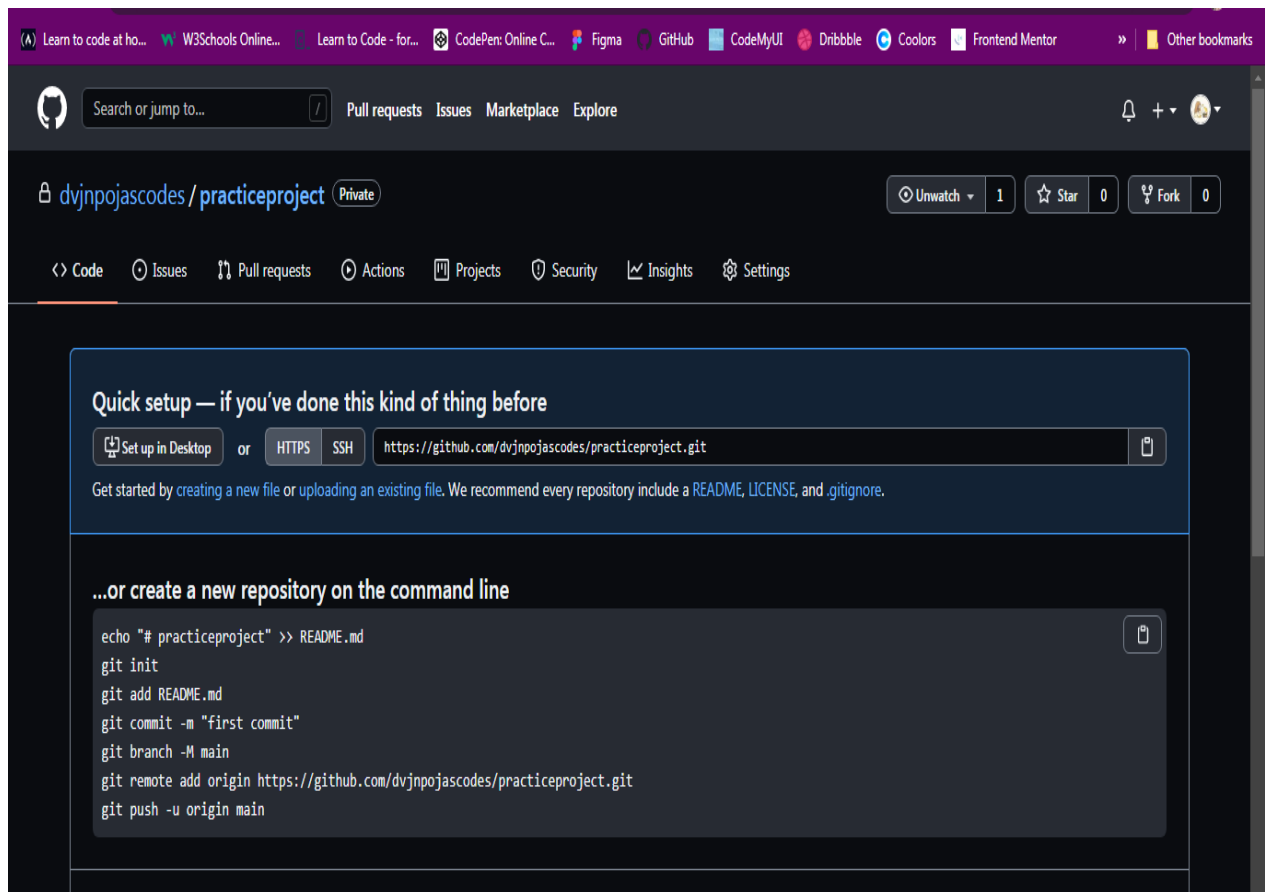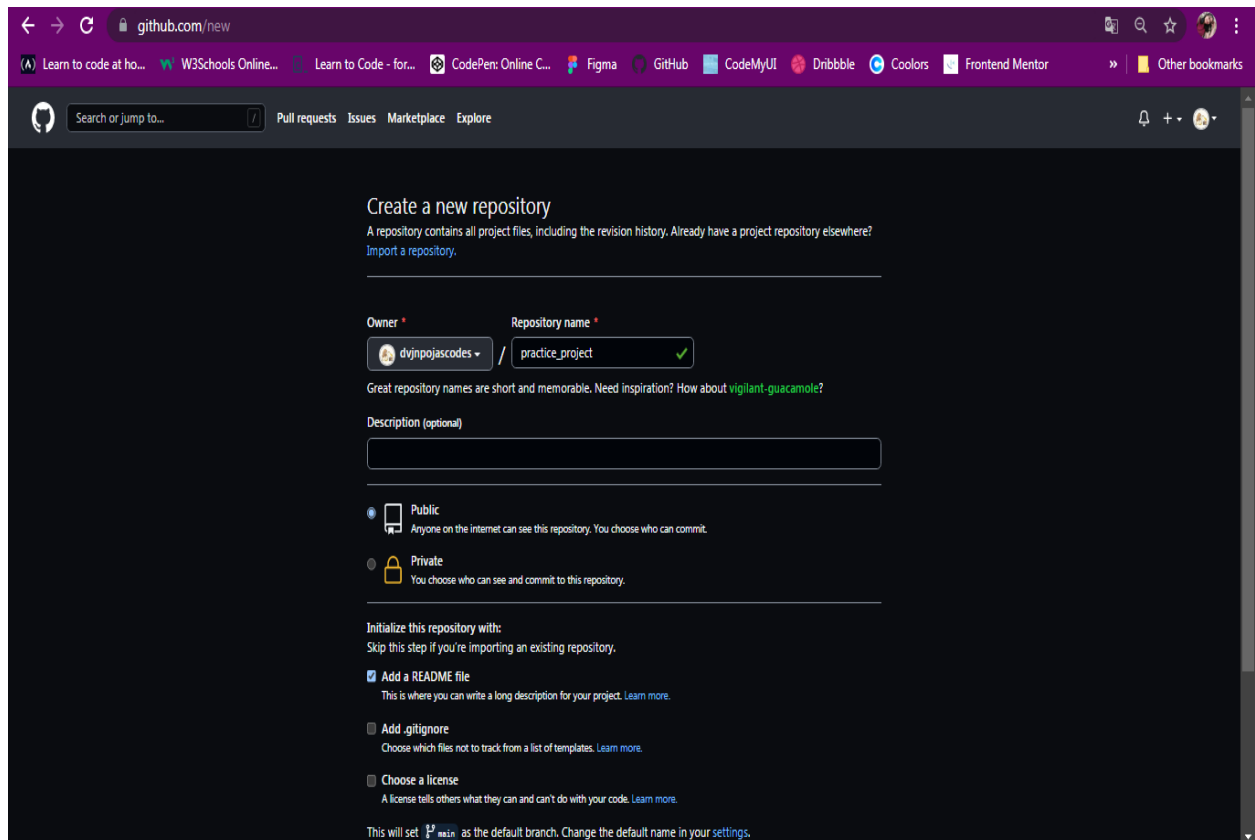# GIT AND GITHUB FOR BEGINNERS

This course covers what is GIT and Github, version control using GIT, branching in GIT, a tutorial on how to push projects on Github through GIT. This course was instructed by Mr. Yaswanth Sai Palaghat, founder of Tech Empire, a content creator, and a software engineer.

The lesson started with an explanation of what are GIT and Github. In this lesson, I learned the difference between the two. The GIT is the version control system that lets you manage and keep track of all your related source code, such as the changes made on the source code. Meanwhile, Github is software and a cloud-based hosting service that lets you manage GIT repositories. The version control is a software that helps the developer access and manage all its tracking information related to his source code, and the watching control system made it possible today to track who made changes to the source code. The next lesson the instructor shared is how to create a repository in Github and how to push a project on it using GIT. Basically, after creating an account, on the upper right corner, we can click the plus button to create a repository, fill out the text field for the project's name, and choose if it is private or public, then we can now make a repository on Github. To push a project on Github using GIT, we have to download GIT on Google, then On the IDE, open the terminal then create a folder, after creating a folder, initiate the GIT using the command git init. Once initiated create a file, and to add that file we use the command GIT add. We can use git commit to save the changes we do on our files. And lastly is the branching and merging in GIT. From what I understand, branching is to branch out the production code or take a copy of the production code if we want to work on it. Because we do not want to disturb the uploaded code on main branch that is currently deployed. Once we're done working on it, once we developed and test our code, we can merge it to the master branch.
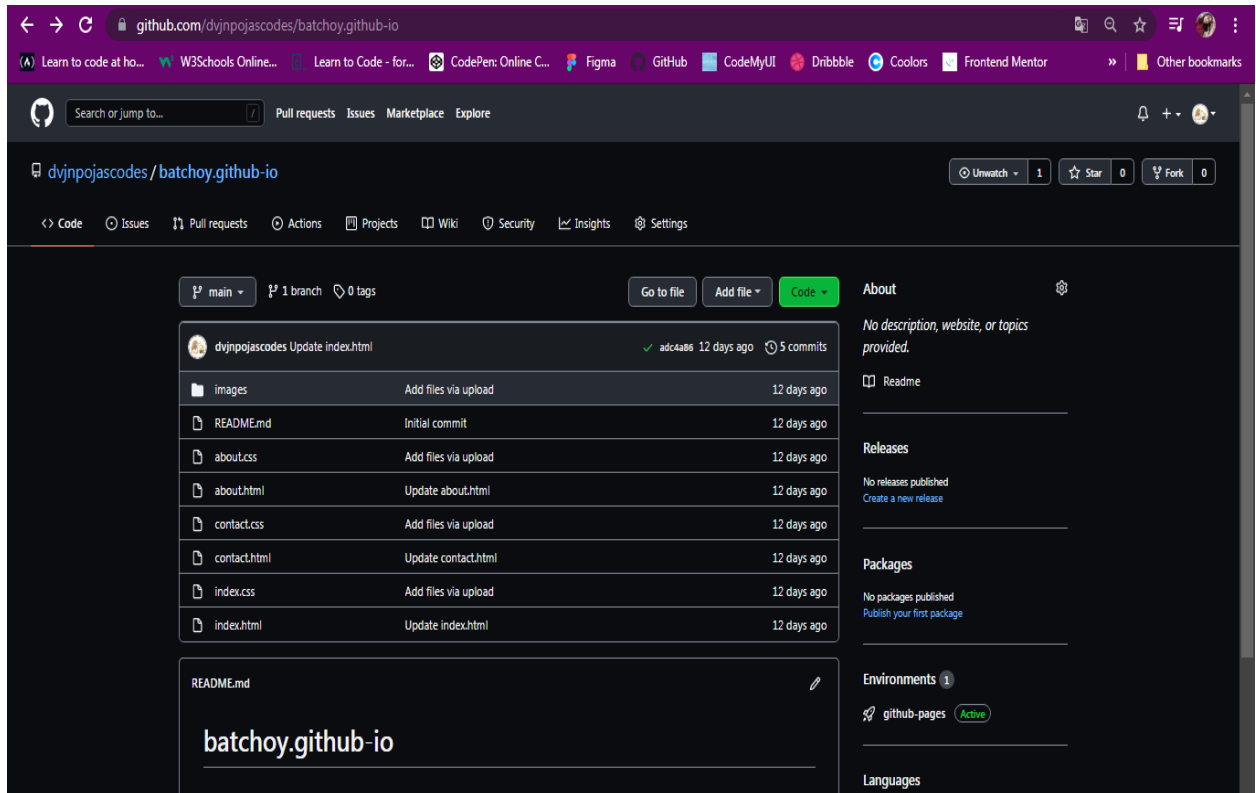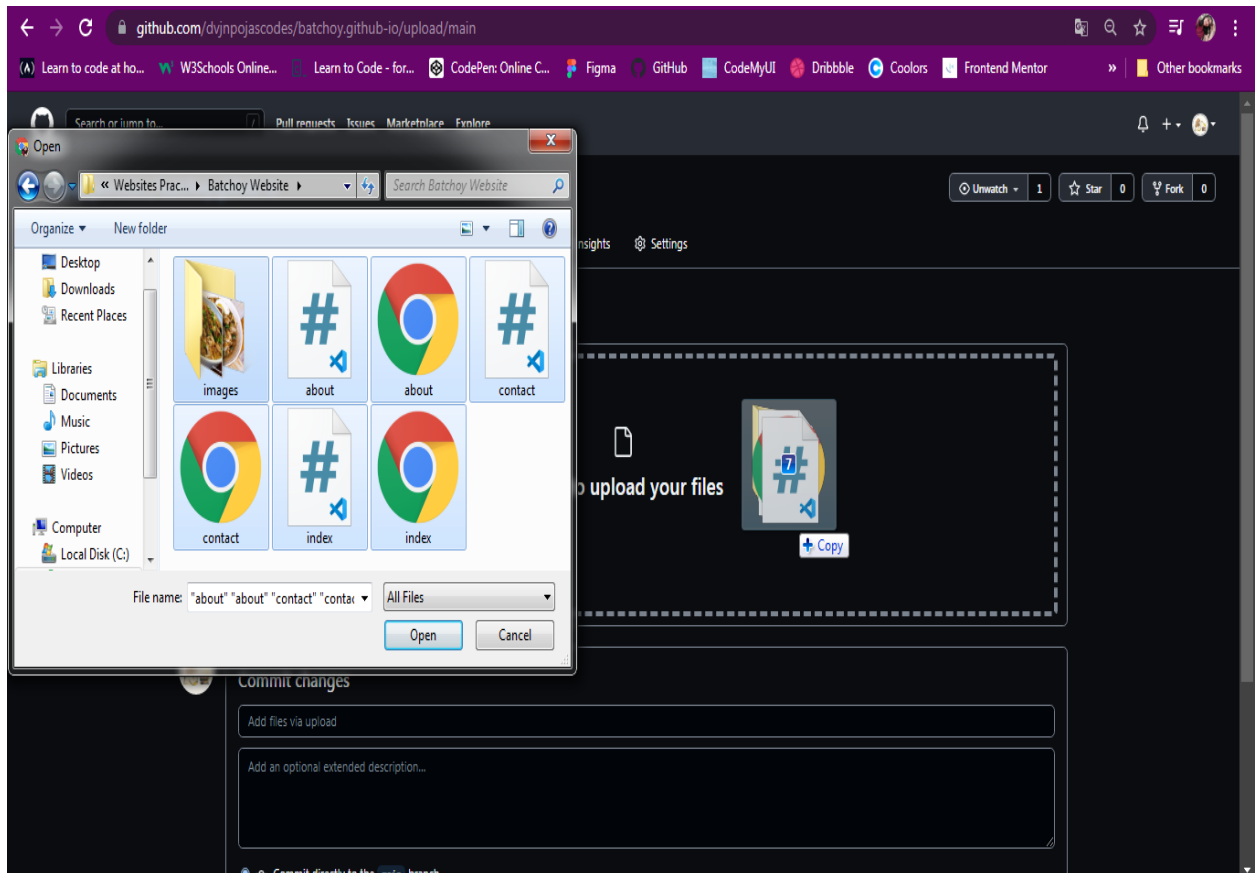

Taking Git and Github for Beginners course on Udemy

Creating Repository in Github

Pushing First Project to Github using Git