

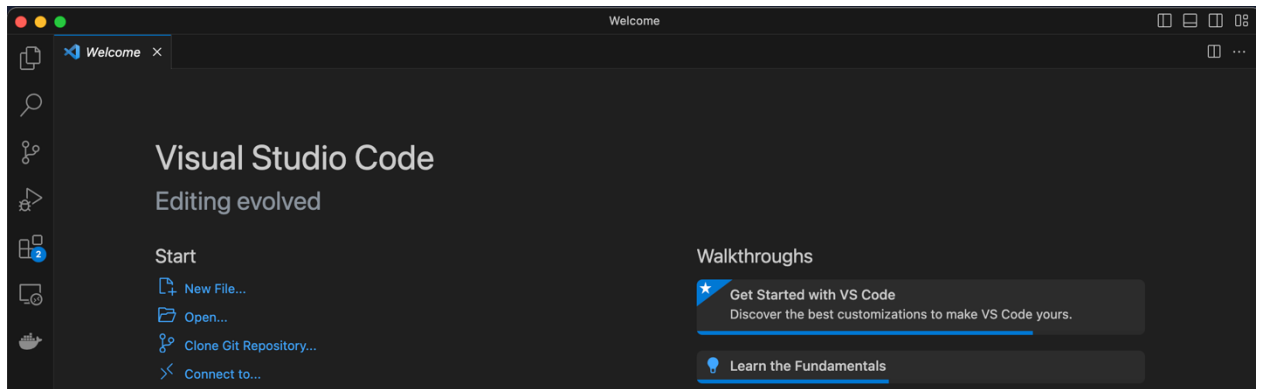
Essential Skills – Lesson 23

Today we want to look at using GitHub to clone a repository into a Visual Studio Code (VSC) project so that we can work with it or use it as a reference. We also want to find / search for samples we can use. Once we find a repository that meets our needs, we need to clone the repository into a project.

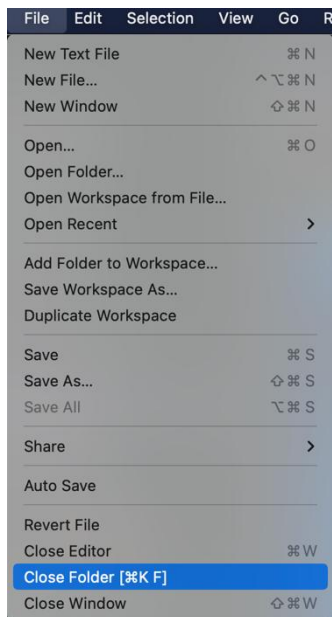
Here is a GitHub link to a repository that I set up.

<https://github.com/AineeMalik/SD15TestRepo.git>

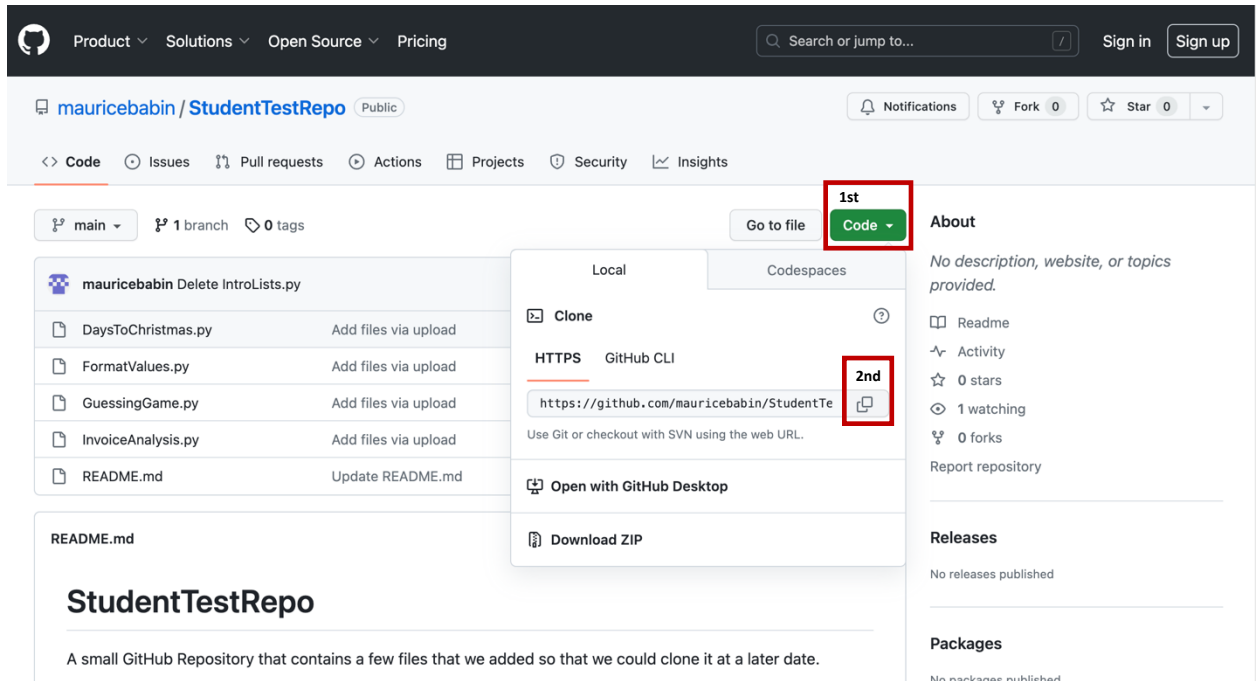
Open VSC, as seen below you should be able to see the main screen.



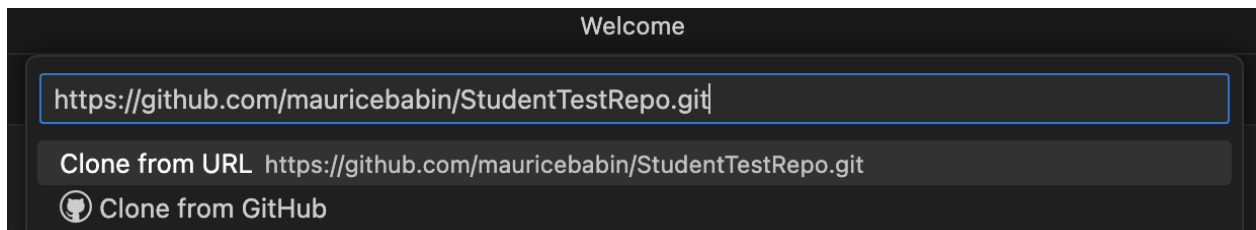
If you have an existing project open, use ***File*** and then select ***Close Folder***.



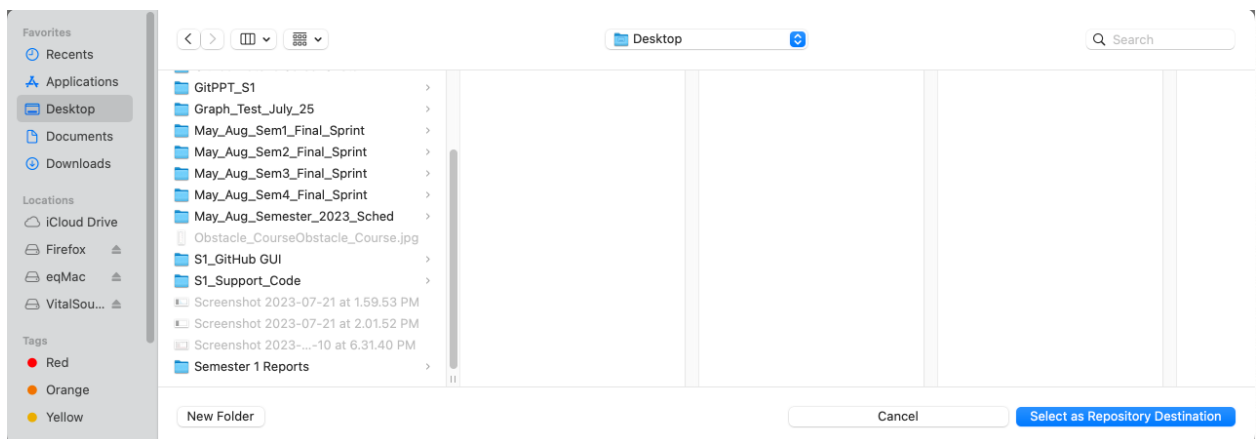
The next step is to select the HTTPS URL like from the repository on GitHub. The icon that looks like 2 overlapping squares or files this will allow you to copy the whole link vs having to manually select the whole text string.



Back in VSC on the main screen select Clone Git Repository. A drop down will open top and center within VSC, this is where you can paste the URL for the repository you are cloning, hit return / enter.



This next part will allow you to select where you would like to save the repository. Make sure you consistently select the same location to avoid confusion later. By default, the location takes you to keyinstudent folder, you may choose any location, say desktop. Here you can create folders or add new folders within existing folders.



On desktop or other desired location, create a folder called GitClone1, hit create, after you will see your newly created folder.

New Folder

Name of new folder inside "DTcode":

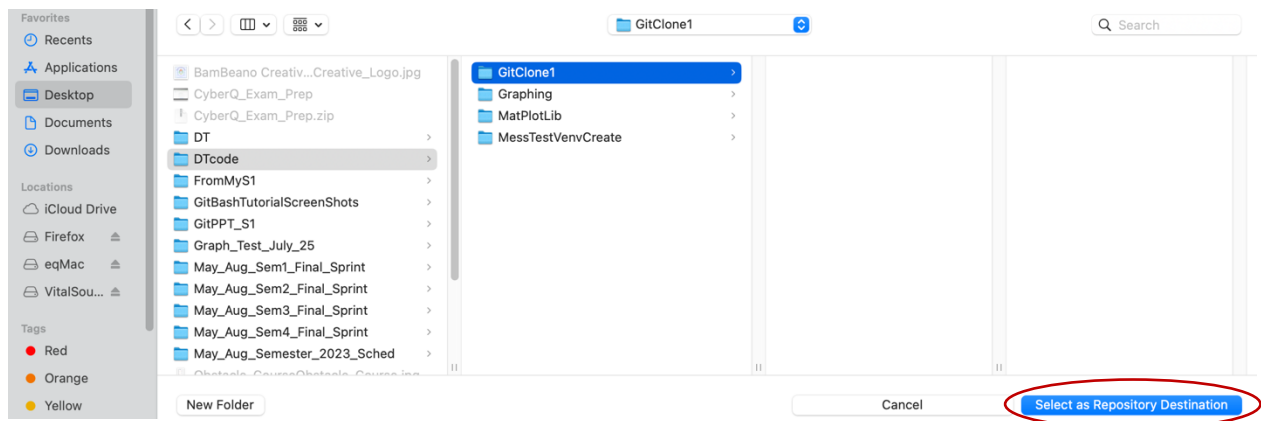
GitClone1

Cancel

Create



Make sure your newly created folder is selected and then hit the Select as Repository Destination.



A window will popup as Open or Open in New Window, if you had multiple windows open, select Open in New Window otherwise select Open.

In this case the cloned repo will show up as a folder called **StudentTestRepo** within the **GitClone1** folder you created. Test the programs to see what they do.

Try to search GitHub to find something you would be interested in. Once you open the repository you can use the Code button and copy the URL and use it in git clone command as shown above.

Try and download a repository that interests you into a project called **GitClone2**.

See you at 10.