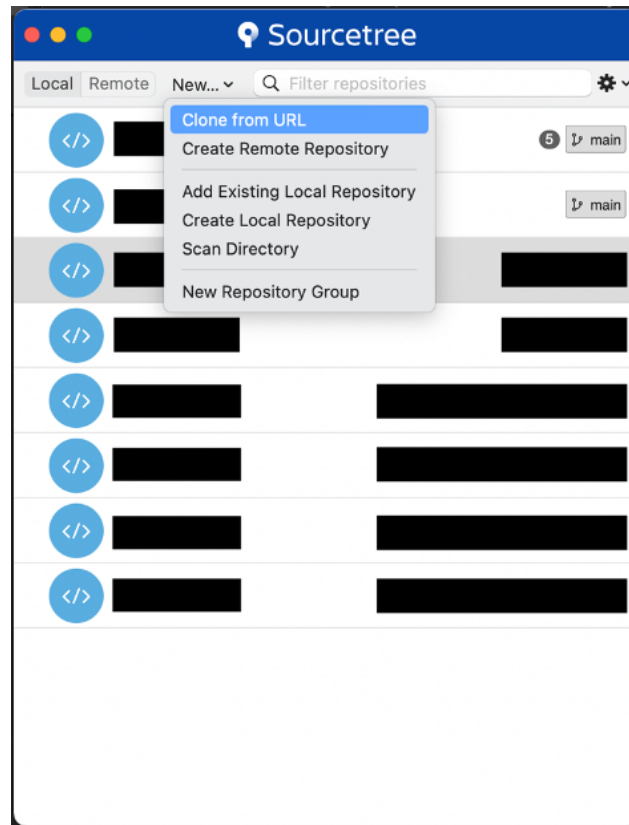
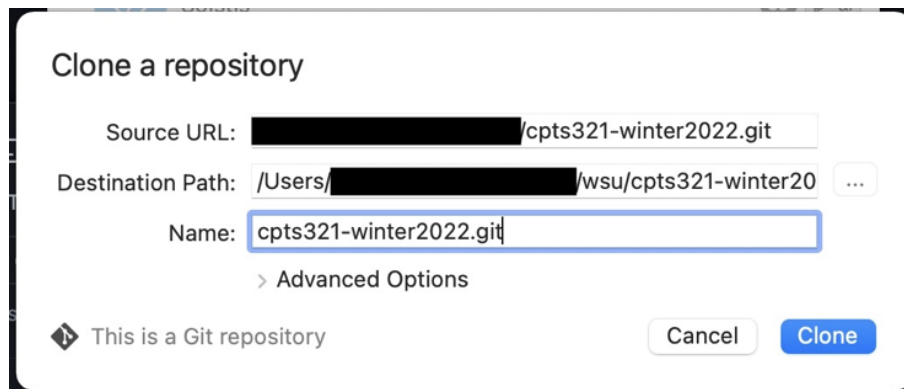


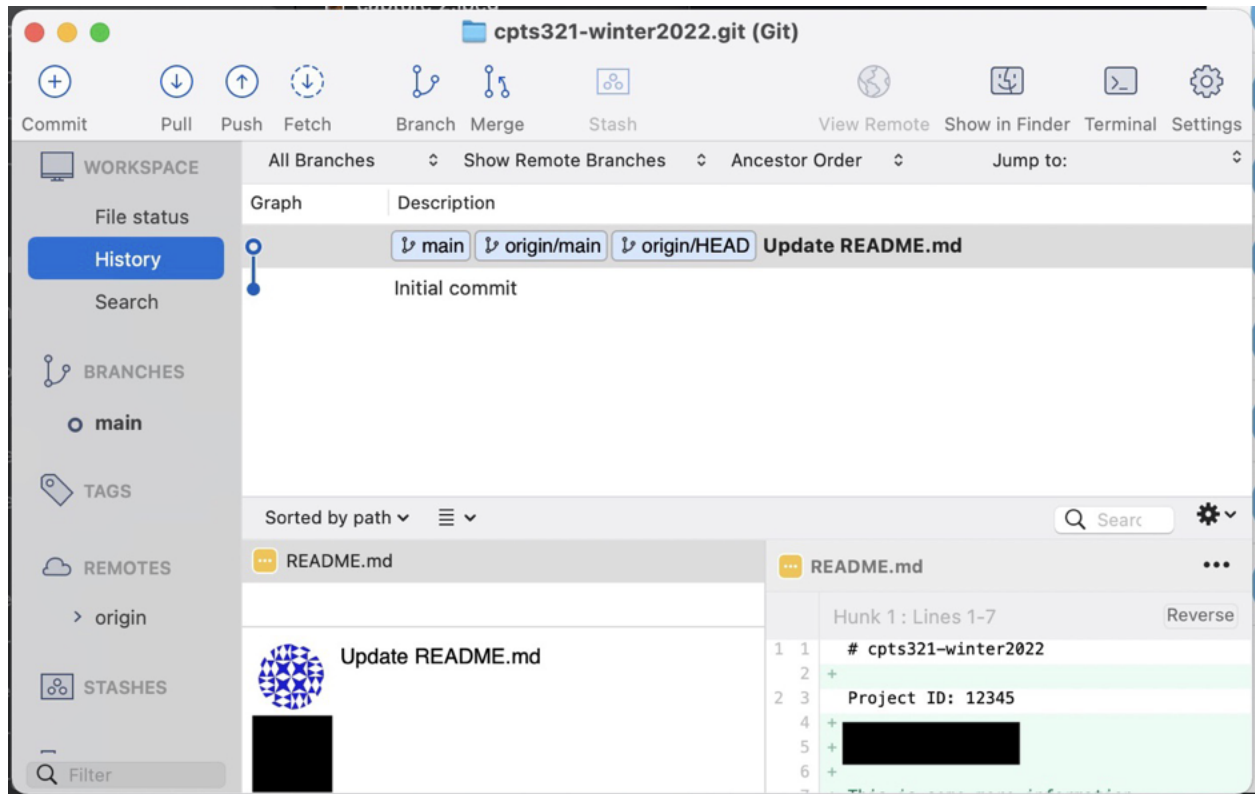
If you prefer using a graphical user interface to manage locally your remote Git repository, you can use [SourceTree](#).



Add the URL of the repository and the destination path on your local computer.

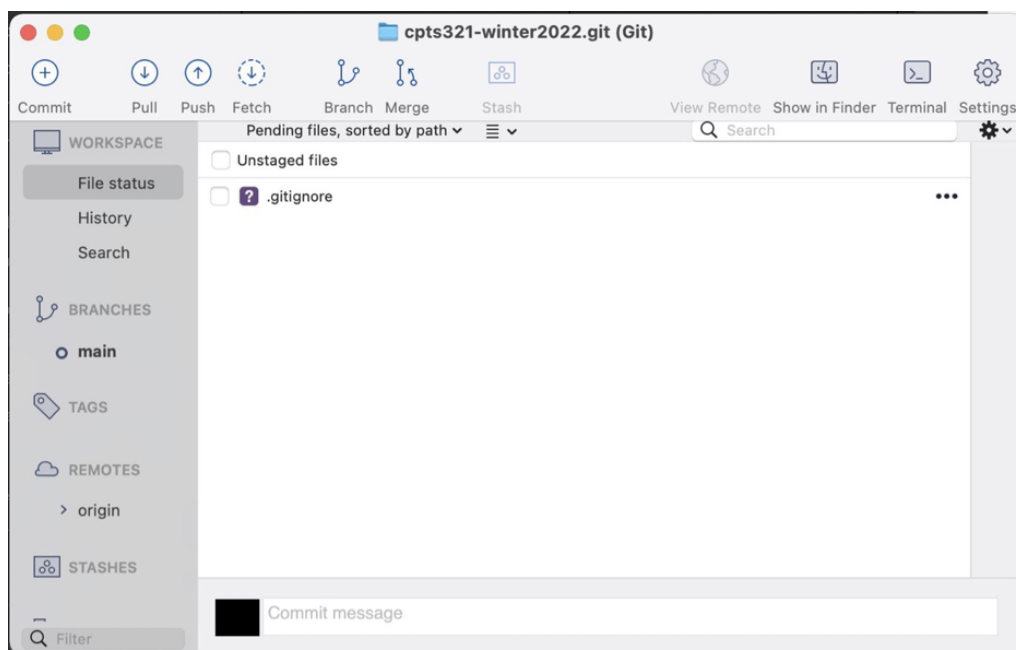


Once the repository is cloned, source tree will open and it should look very similar to what is shown below:



Now you can follow the steps in “CptS321-HWs-Turn In Tutorial-GitBash” to add a .gitignore file to your project folder.

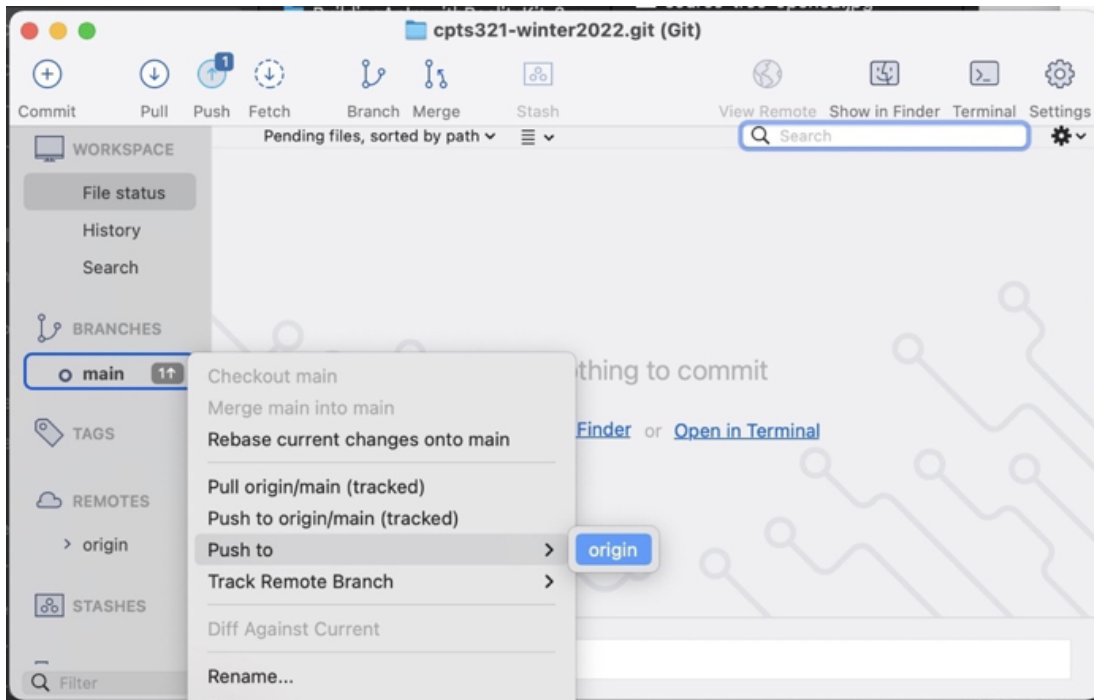
Once you are done, return to SourceTree; you should see the .gitignore file appear in the Pending files section.



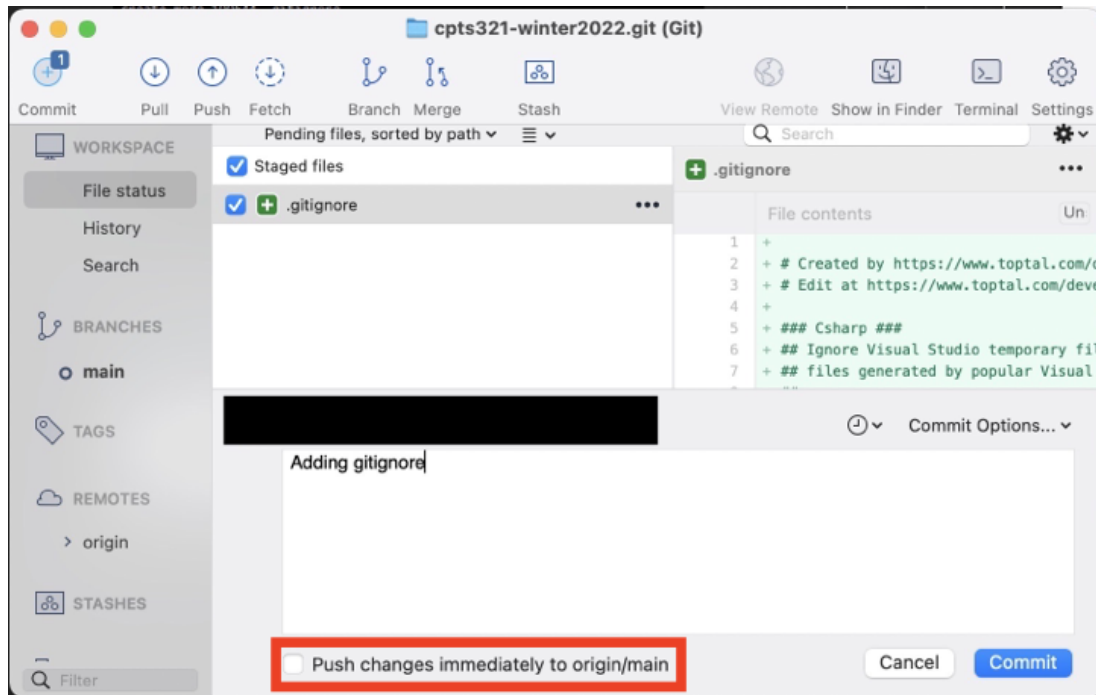
Select the file (check the checkbox or tap the space bar) stage it, and enter a commit message at the bottom of the tool and you can commit the gitignore file.

At this point the file is committed on the local repository, to push it to the remote server you have 2 options:

1. Right click on the branch you want to push (here it is main) and push it to the remote server as shown below:

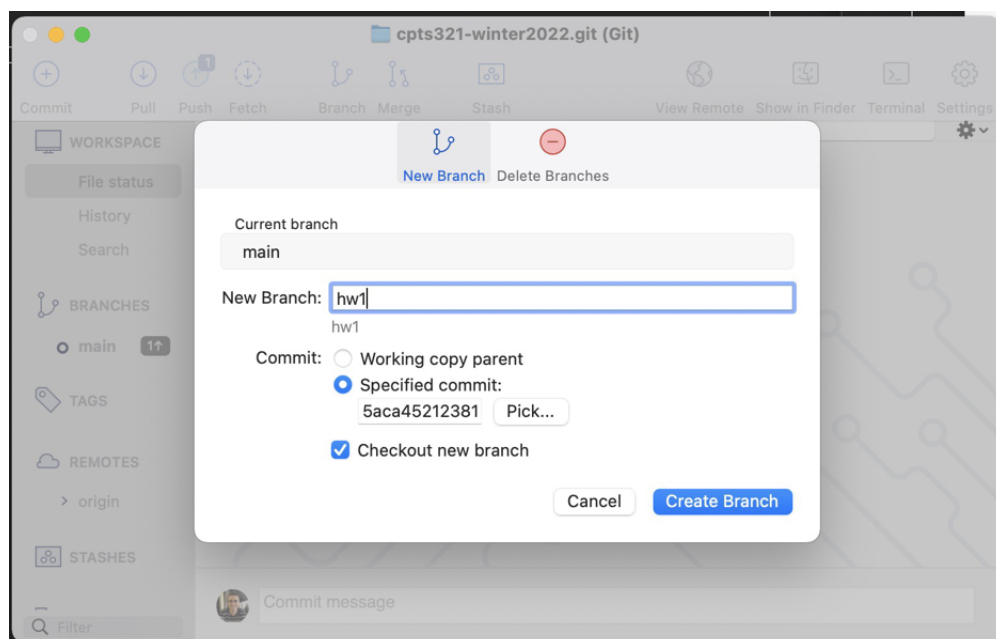


2. When you are committing you will see a check box that says “Push changes immediately to origin/main”. This is the recommended option for this course as it ensures that you will not forget to push your changes and in case you lose your local copy your code can be restored from the remote repository. However, note that although this is convenient, especially when you are the only committer, it can be potentially harmful if you are working in a team and you are pushing changes that are not peer reviewed, for example.



Next, to create a branch with SoureTree, click the Branch button, a pop up will open. The default “working copy parent” is usually fine but you can also pick exactly the commit you want to branch from.

Once you click create branch, the new branch will be automatically checked out and ready to use.



Now you can create a project for example for Homework 1 in your IDE and then commit & push your initial content for your first assignment:

