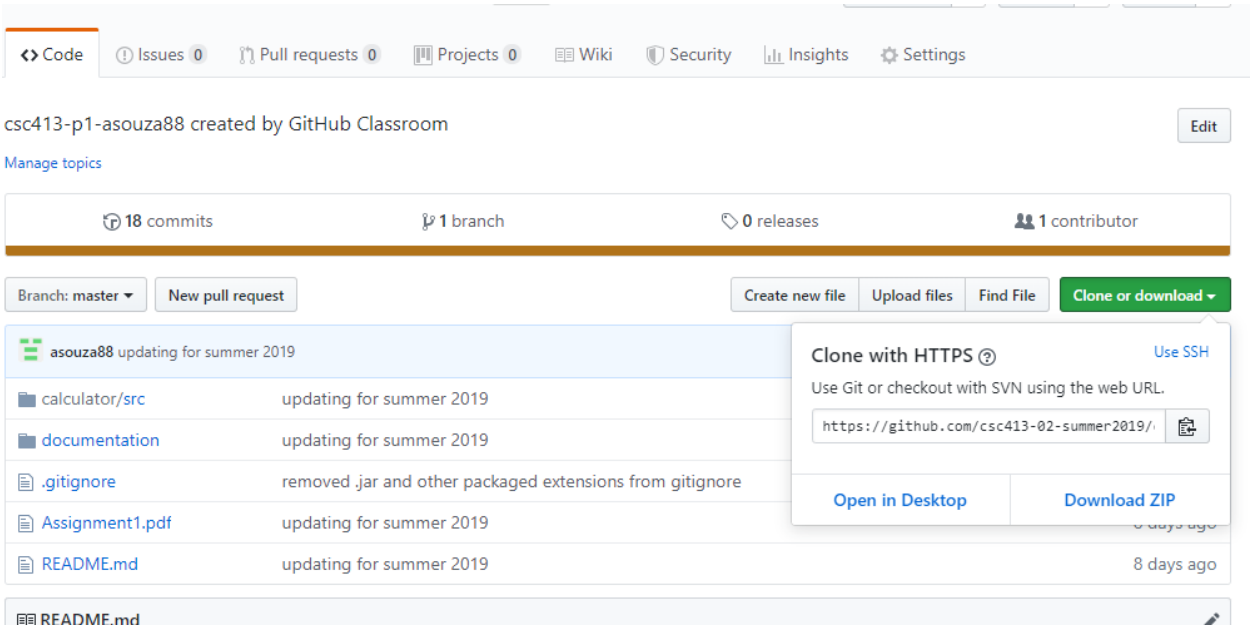


In the next few pages, you will a set of instructions for importing your assignment 1 into intelij. We will begin with cloning our repo to our computer.

Click the green “Clone or Download” button on your repo’s home page. Then select either HTTPS or SSH, most students will choose HTTPS unless you have SSH keys set up. If you are not sure what SSH keys are then use HTTPS method.

Copy the link and then open your terminal. This will either be Git Bash on windows, Terminal on Mac or Linux, or the terminal for your Windows Linux Subsystem if you have it installed.

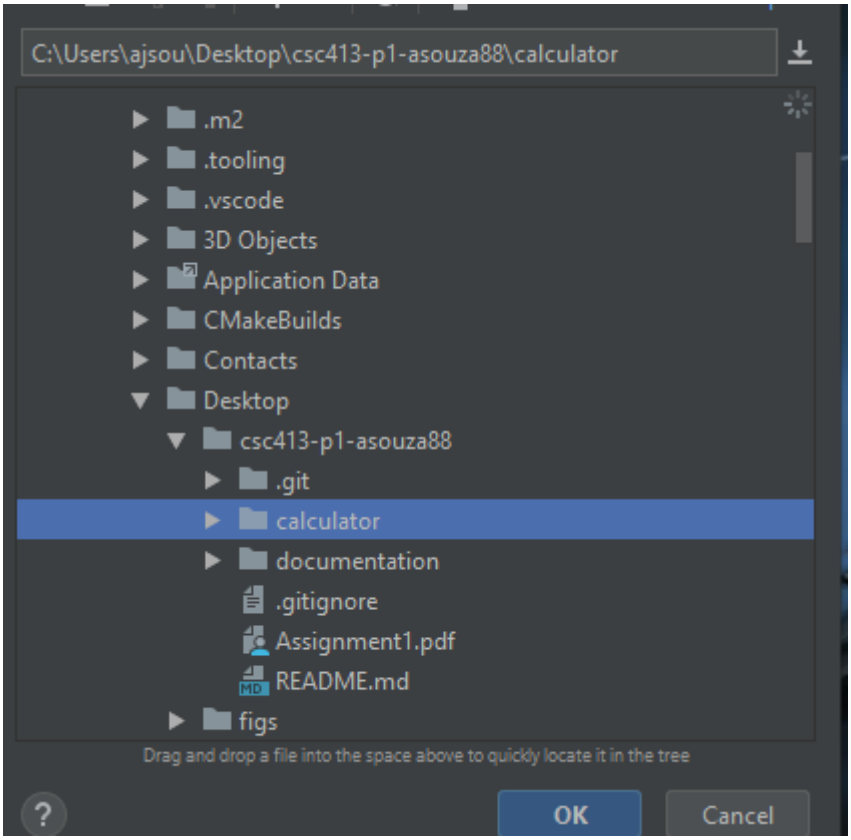
In your terminal type:

```
git clone repo_url_you_copied
```

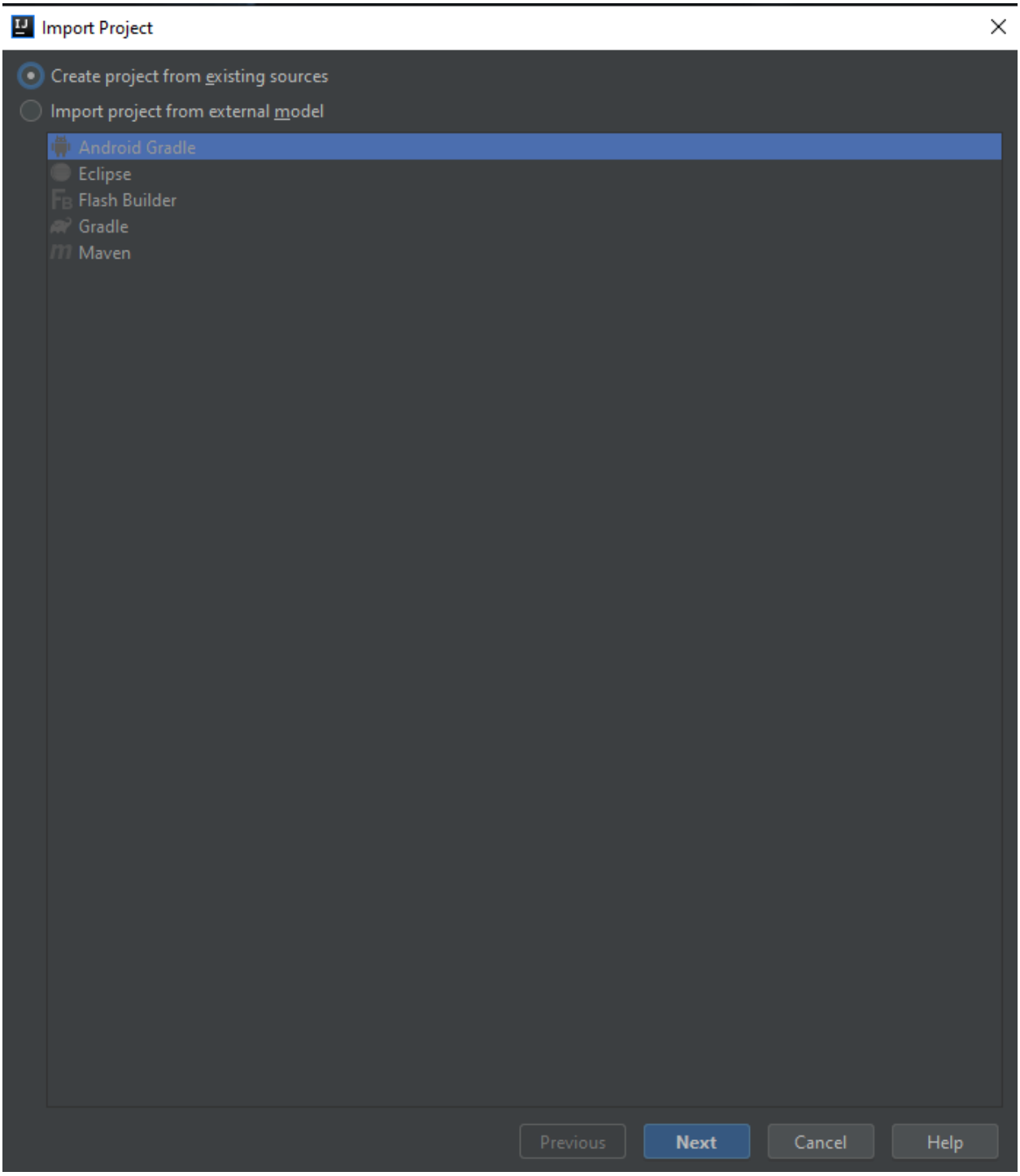
Please clone your repo to a folder on your compute that does not require elevated privileges.

Once the repo is cloned, follow the pictures on the next few pages to import your project into intelij.

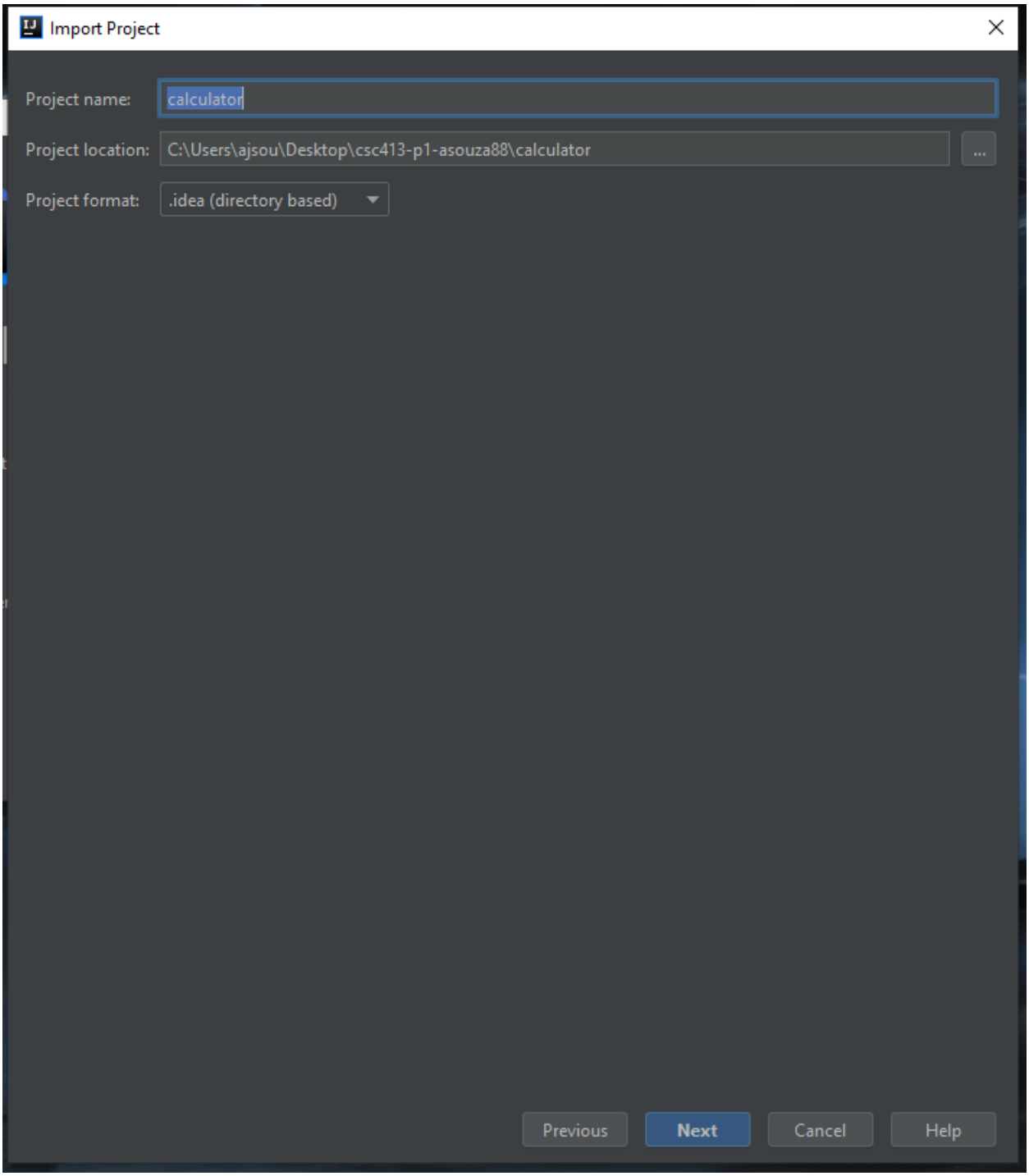
Select Import Porject



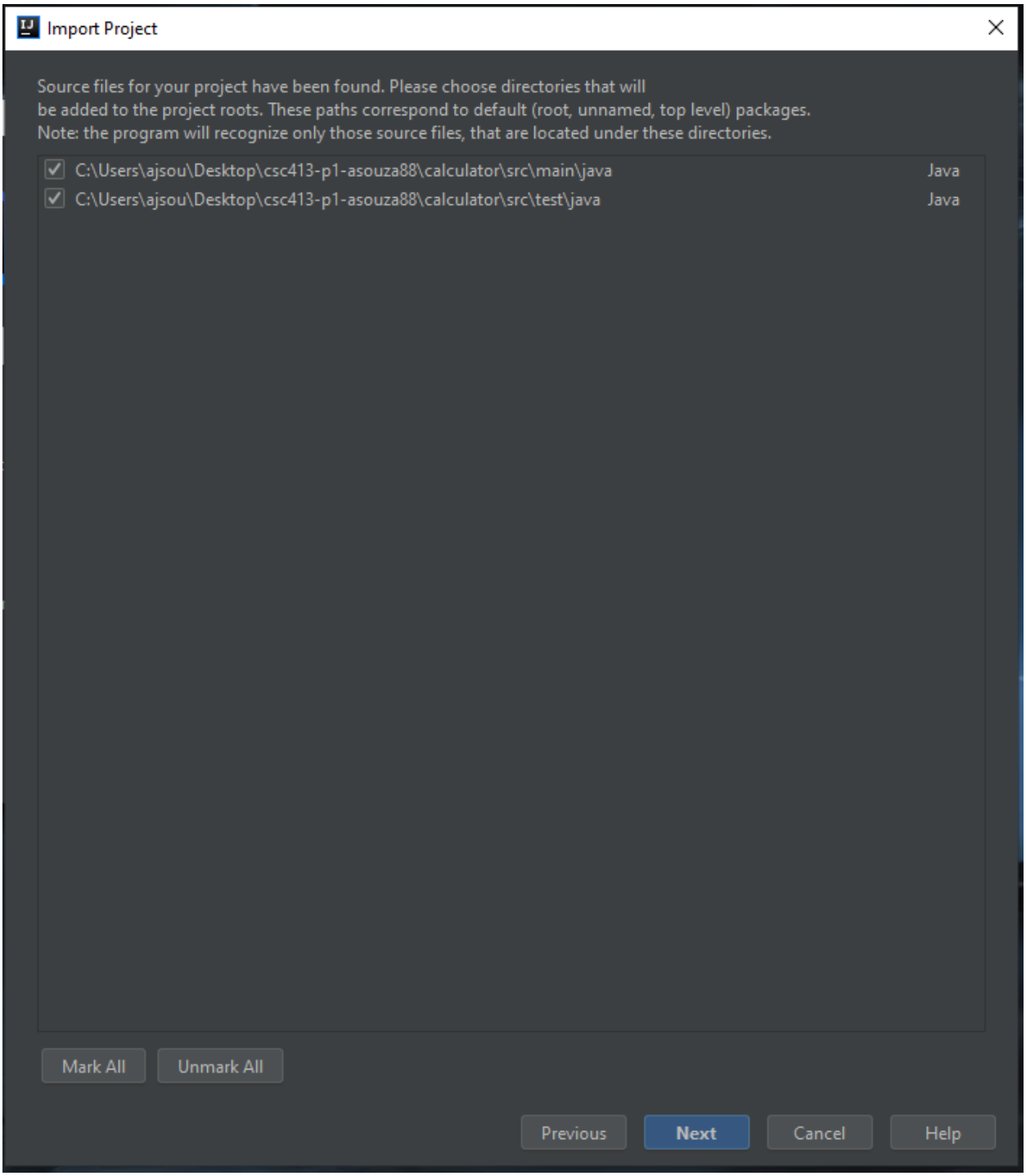
Select the calculator folder as the source root of your project.



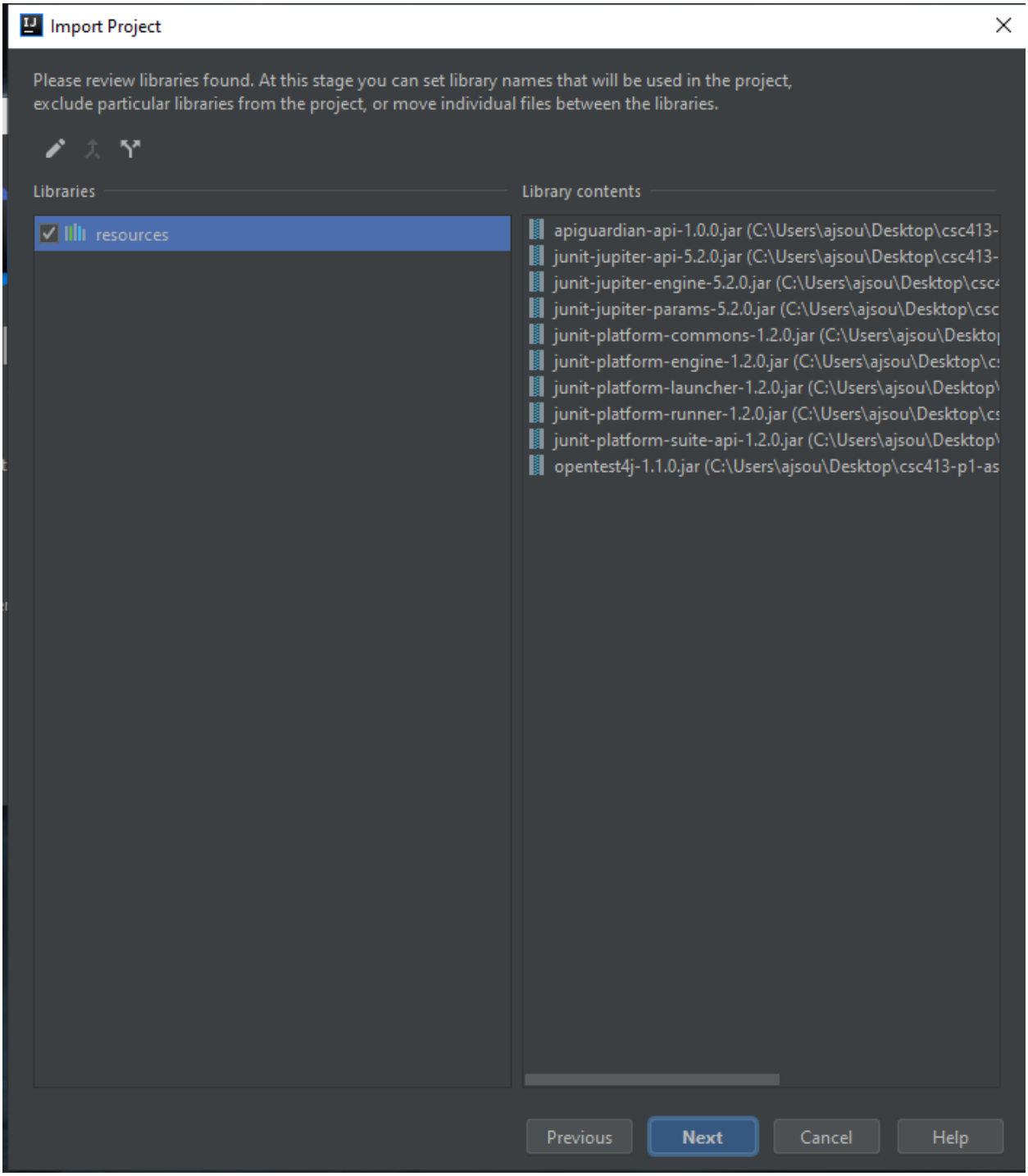
Keep the “Create project from existing resources” radio button selected



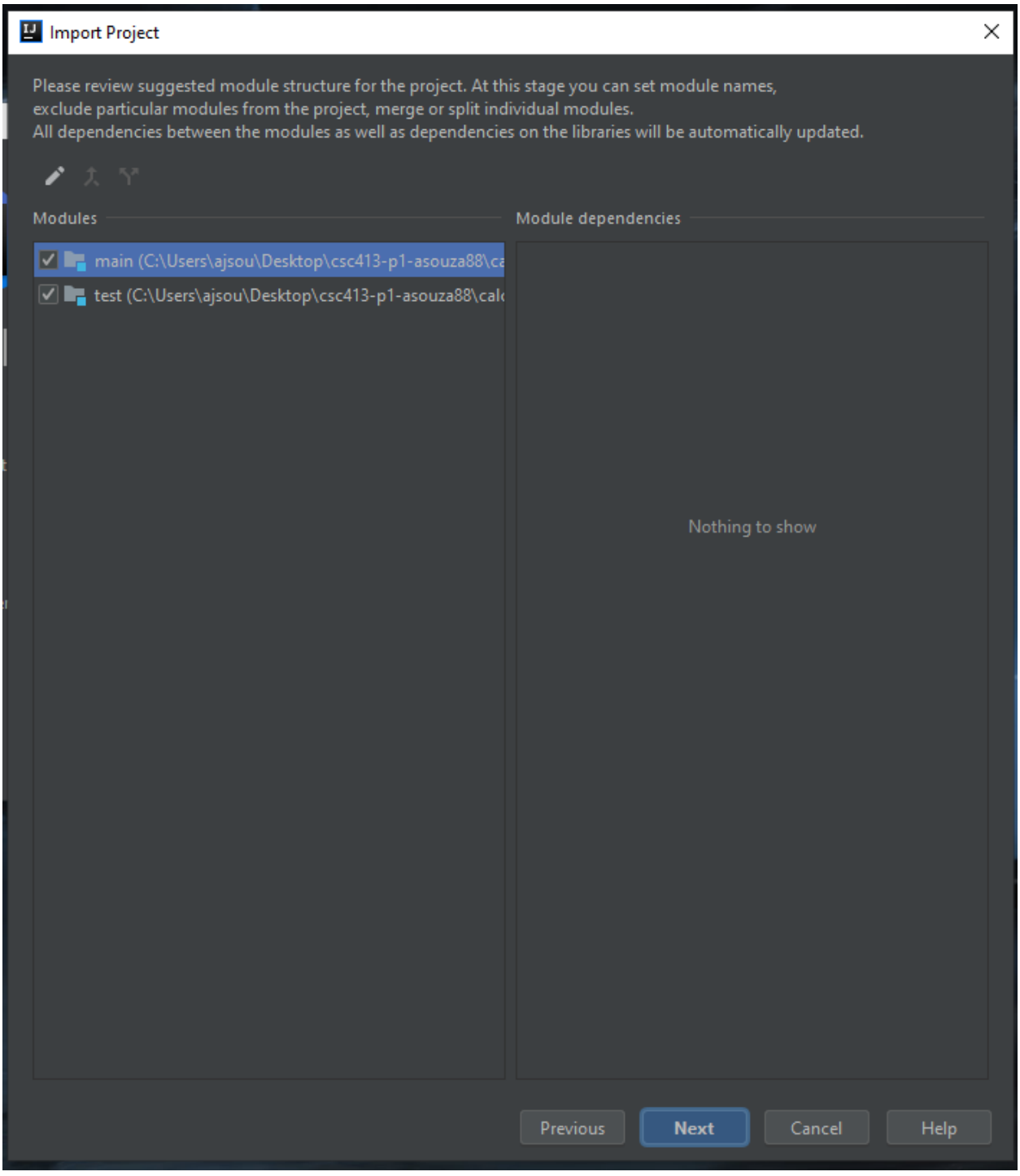
All default fields can be left alone here.



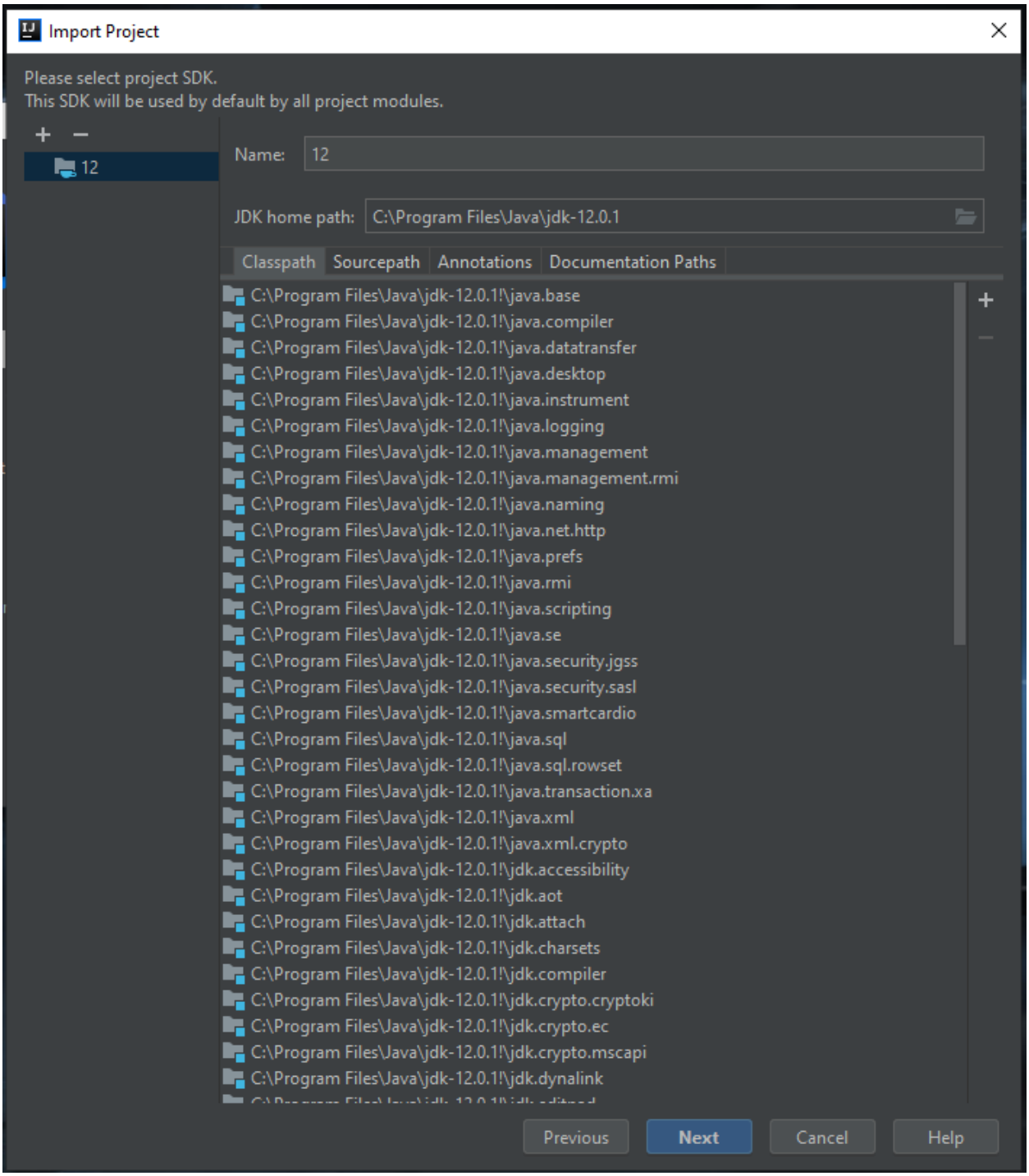
You should see two items shown here. One is the folder for the source code of your assignment. The second is the source folder for the unit tests provided.



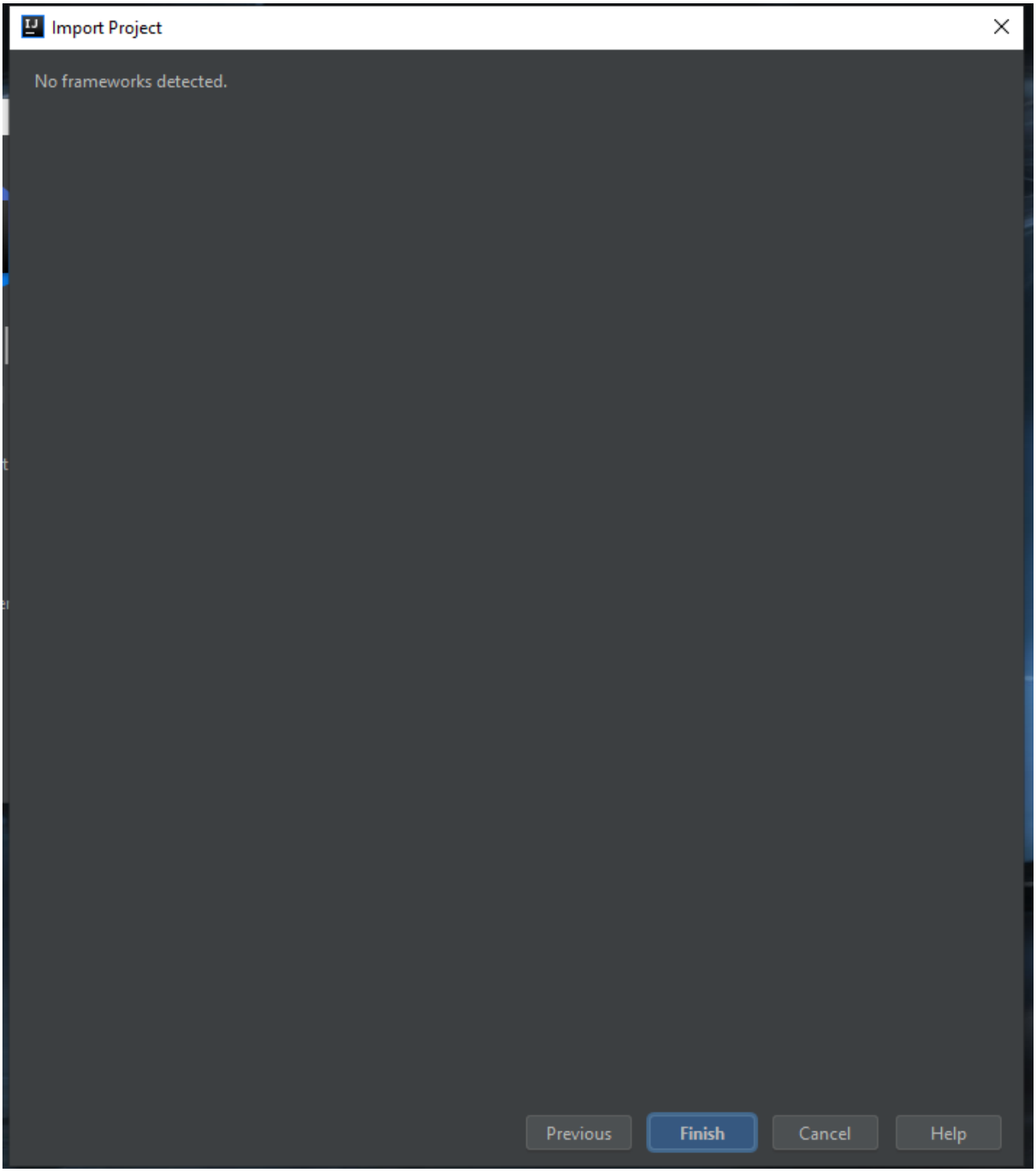
On this pane you should see a list of JARs. These are used for the units tests.



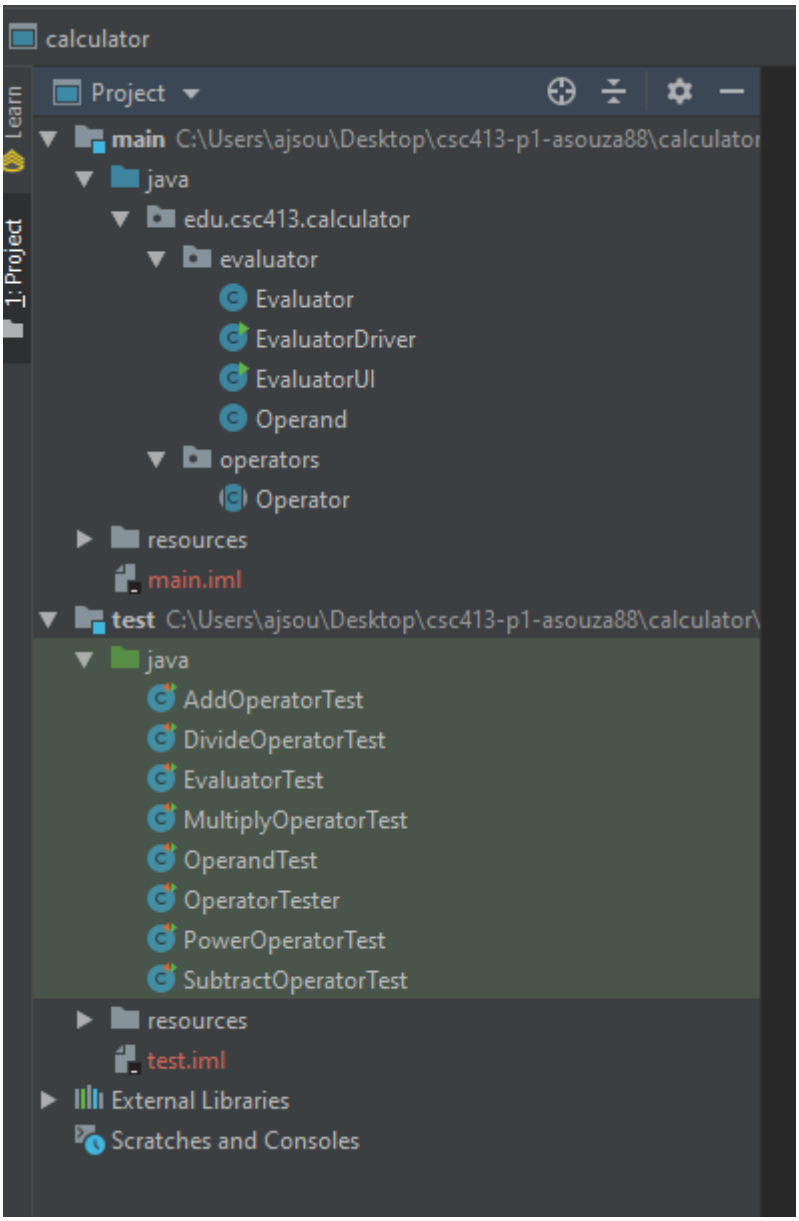
Like the image a few pages back, you should see 2 items here. We a module entry for our source code and a module entry for our unit tests.



On this image you should see a selected JDK. A Java JDK needs to be installed before moving on from this screen. If one is not shown and you do have a JDK installed, click the + symbol near the top and find where the JDK folder is installed and select it. This will add a new JDK to intelij.



This window should empty since we do not have any frameworks in our project.



If the import process is done correctly, you should see the following in the Project browser. If you do not see the C circle symbols next to the files then something went wrong. Most of the time it is because of incorrectly imported project or a misconfigured JDK.

Once Assignment is Completed

Once you have completed the assignment or if it is requested that you commit your changes to GitHub please follow the steps below to push your code to GitHub.

- Make sure all files have their changes saved. Unsaved files do not show up in git.
- Use git status to verify that the files you have changed or added are listed.
- Once verified run the command ***`git add .`***
- Once added execute the command ***`git commit -m "commit message"`***
    - Please note that sometimes the " will not copy-n-paste correctly. Please verify that the correct " are used when doing the message or your command will fail.
- If the commit succeeds, we will need to push or commits to GitHub. To do this execute ***`git push`***
    - If the push fails, please read the error message carefully and completely. In most cases the push is rejected because there may be commits on your remote repo that does not exist on your local repo. Simply put, your local repo is ahead of your remote repo in terms of history. To fix this, you can do what the error messages suggest and execute a ***`git pull`*** command. This will bring down the changes from your remote repo to your local repo. Once done then you can retry the ***`git push`*** command.
- Once completed verify your changes are on GitHub by inspected the files on GitHub.