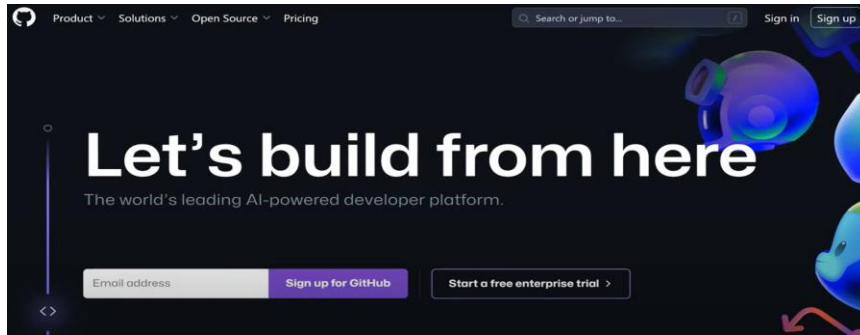


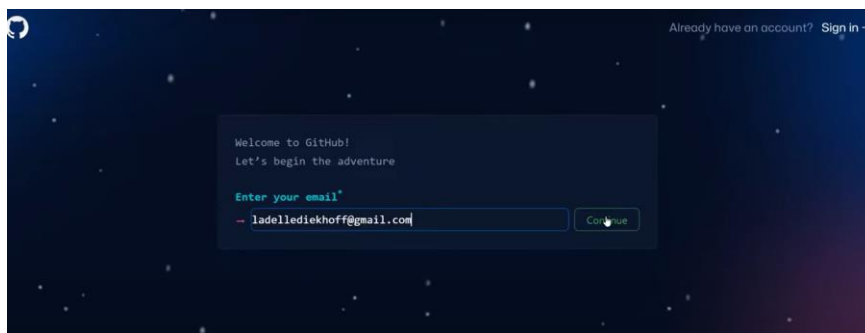
GitHub and IntelliJ

Objective: Create a GitHub Portfolio and link it with IntelliJ.

Sign Up for GitHub with an email of your choice.

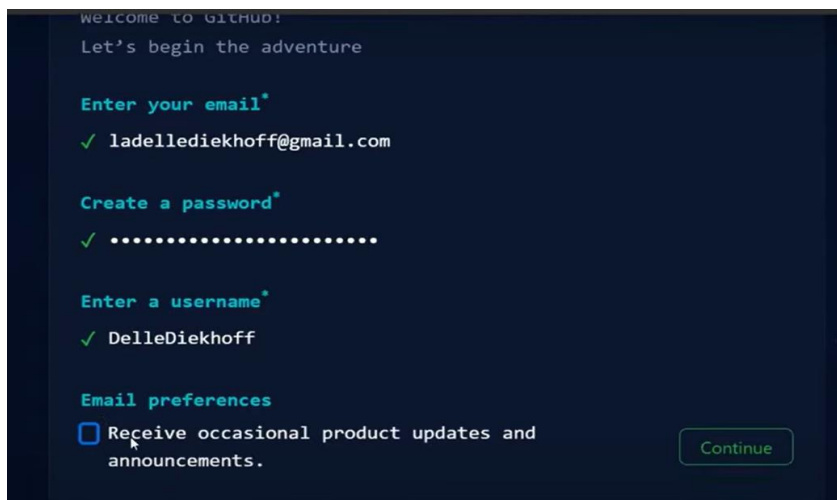


Enter in your email address and **click** continue.

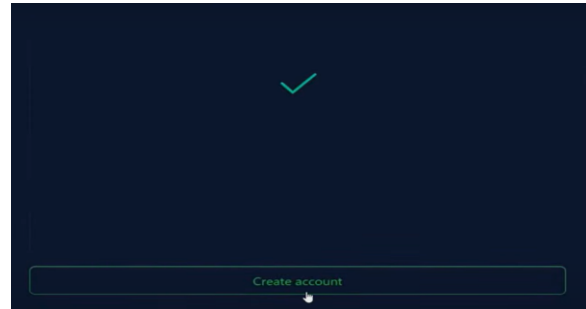
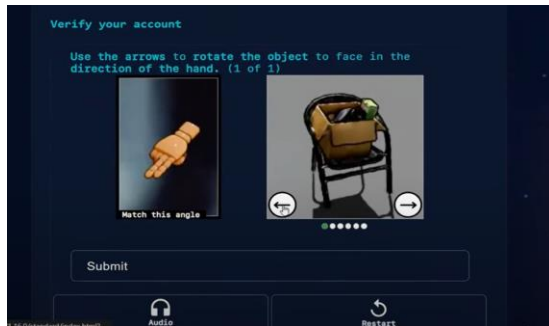


Enter in a password and **click** continue.

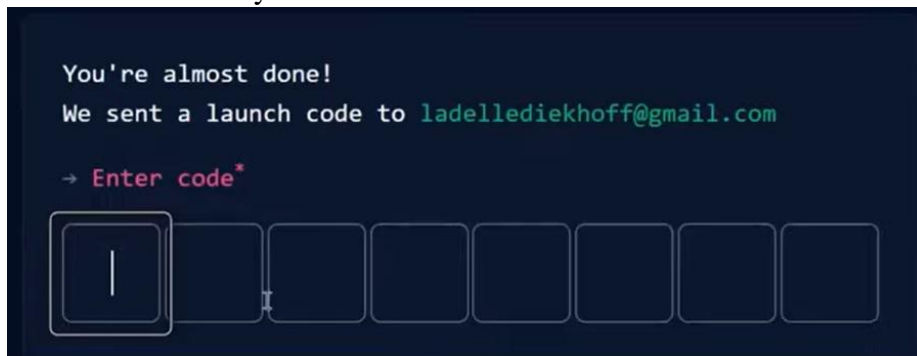
Enter in an *appropriate* username and **click** continue.



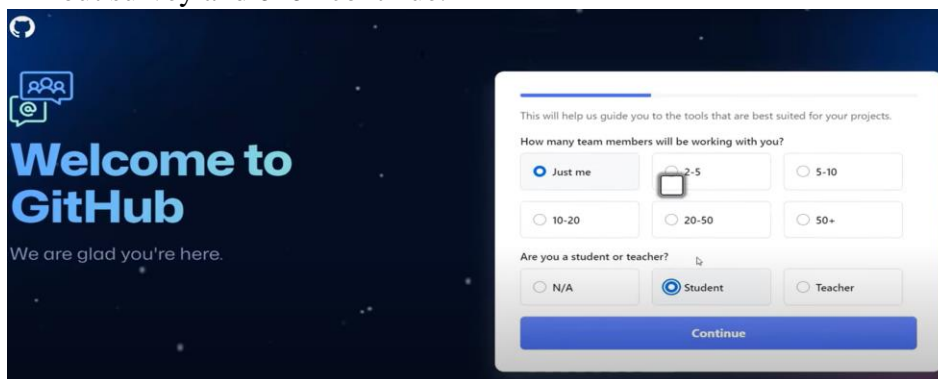
Verify your account and **complete** the puzzle, **click** submit and **click** create account.



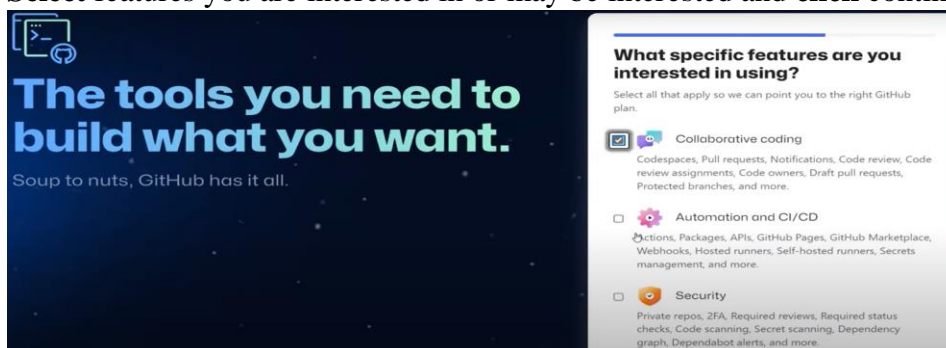
Enter code sent to your email.



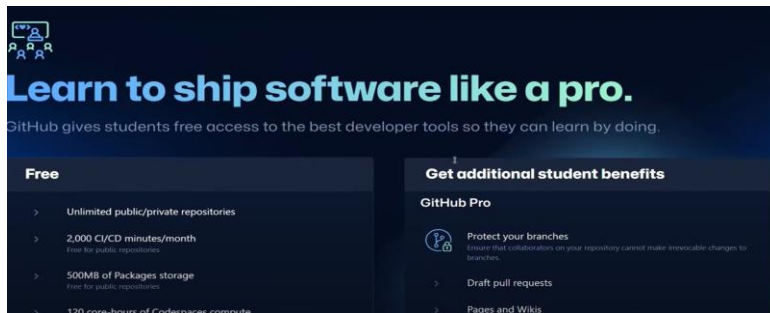
Fill out survey and **click** continue.



Select features you are interested in or may be interested and **click** continue or **skip**.



Select the Free version or Get additional student benefits (entirely up to you).



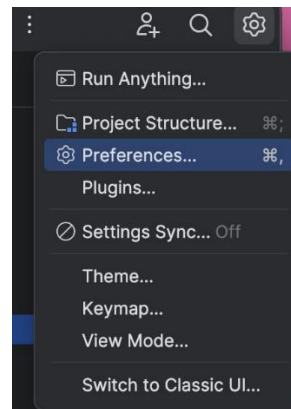
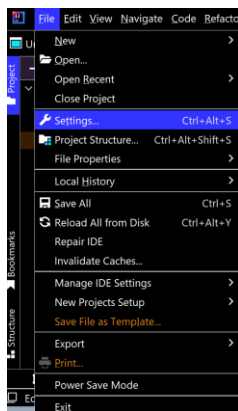
Connecting IntelliJ and GitHub

Windows:

Macs:

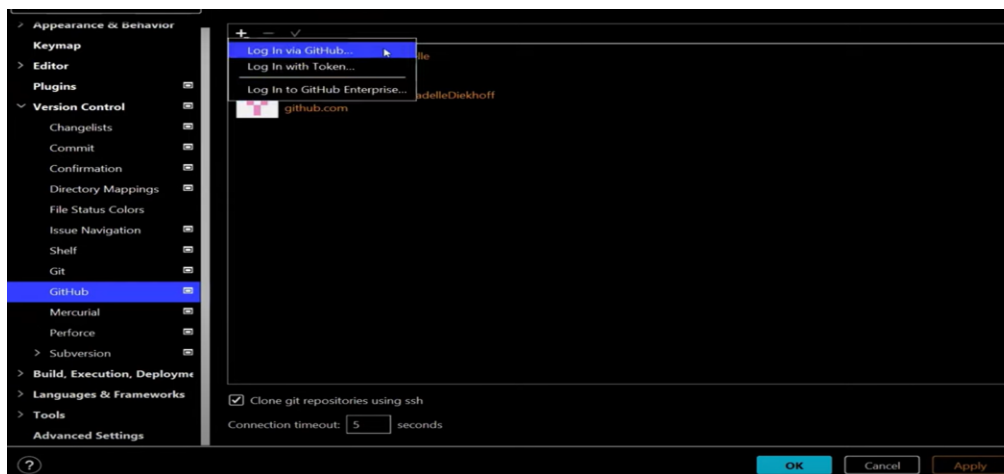
Click on **File** → **Settings**

Click on **Settings** (gear symbol to the right) → **preferences**

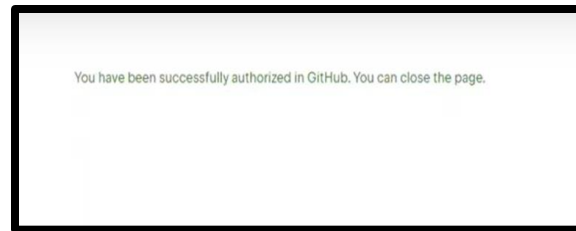
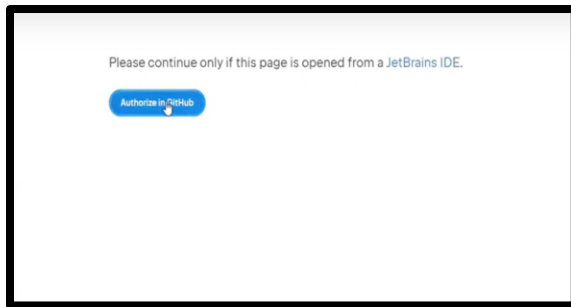


Windows + Macs:

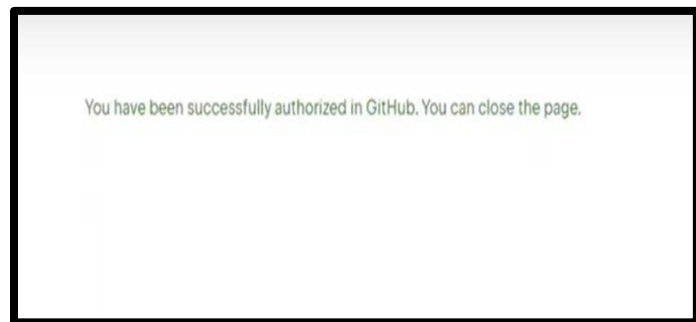
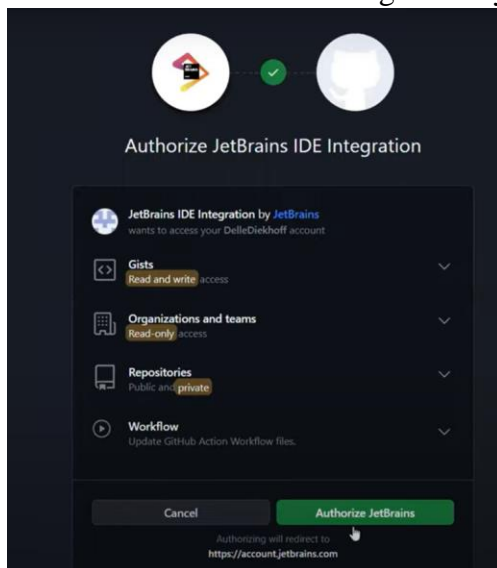
Version Control → **GitHub** → + → **Log in via GitHub**



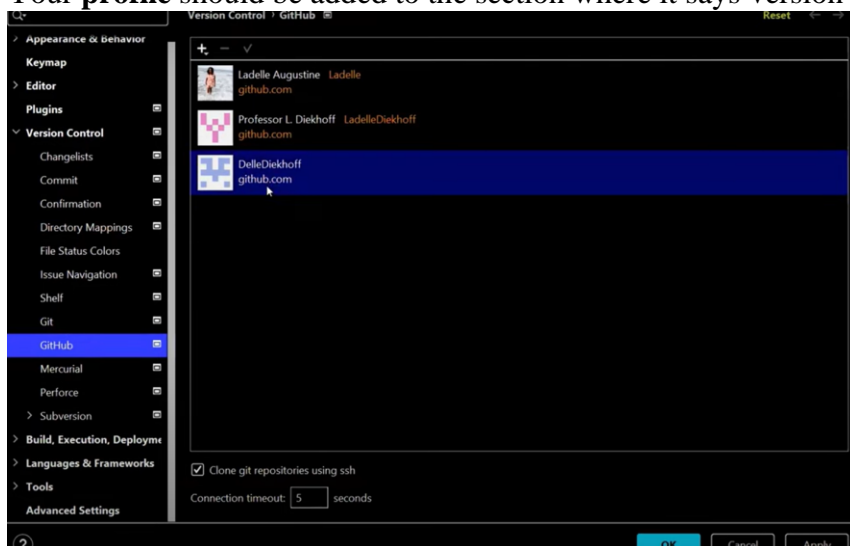
Authorize the connection by clicking on **authorize in GitHub**.



Authorize JetBrains IDE integration by clicking on **authorize JetBrains**.

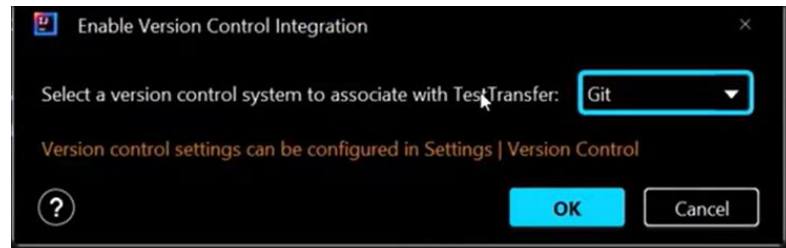
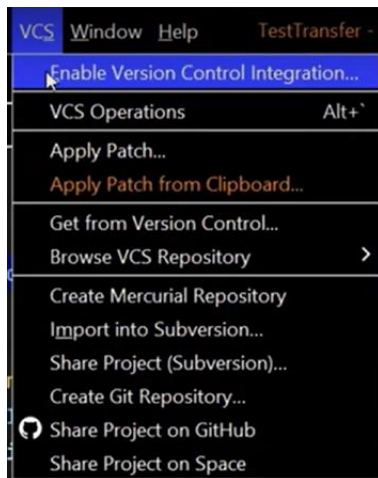


Your **profile** should be added to the section where it says version control.

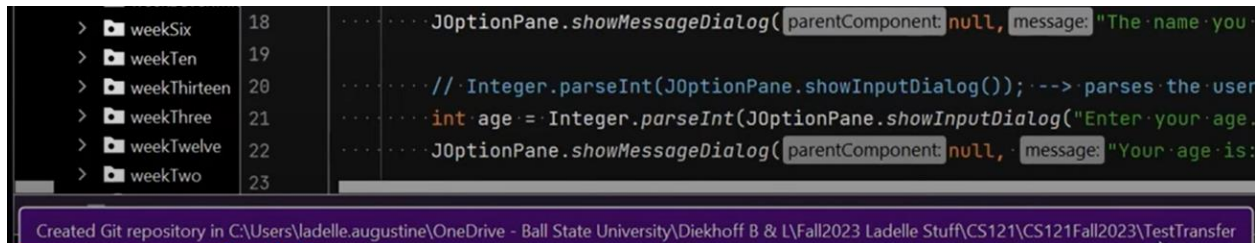


Now, we enable version control integration.

Press **VCS → Enable Version Control Integration** make sure **Git** is selected, then **click ok**.

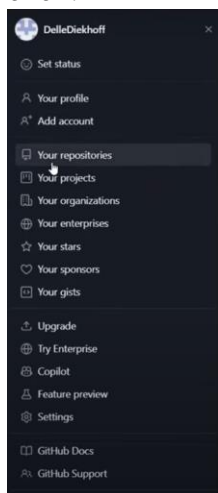


Below you should see a pop up of your local repository being created in the directory you have it stored.

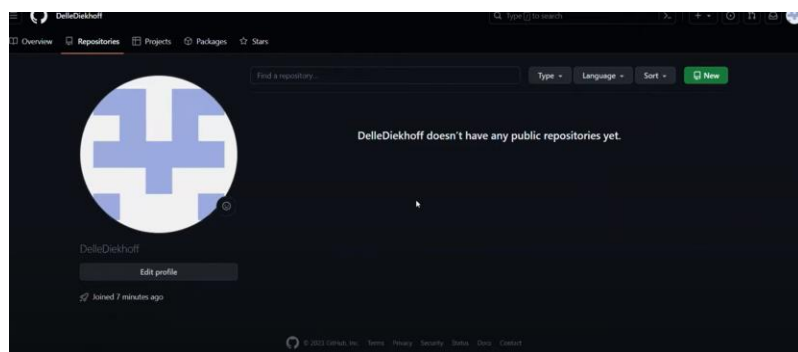


Create a Repository on browser to connect to your local repository:

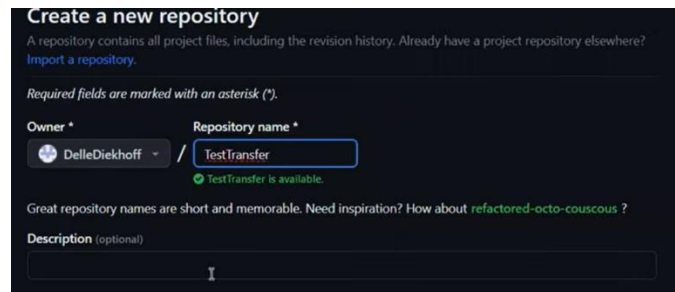
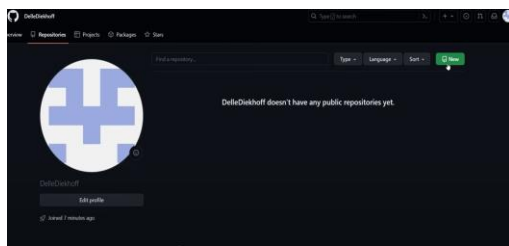
Go to your GitHub page and click on the profile picture. Scroll down to **your repository** and click.



Click on New

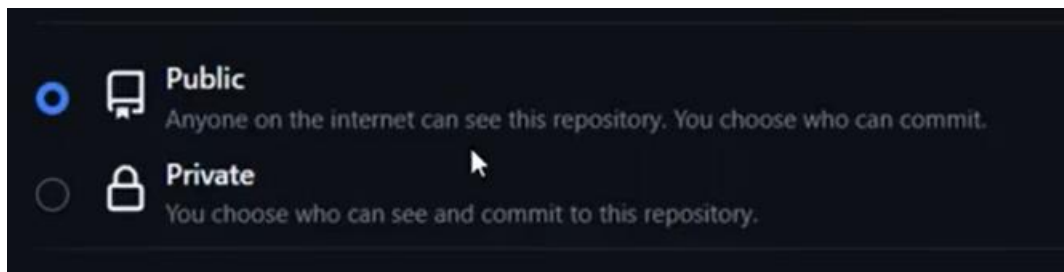


Name your repository the same name of your IntelliJ Project

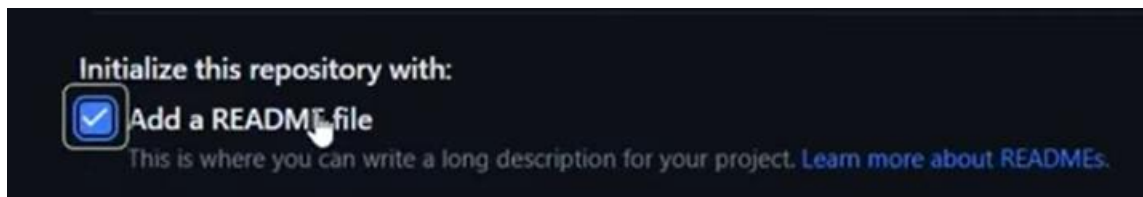


The Description of your repository is **optional**.

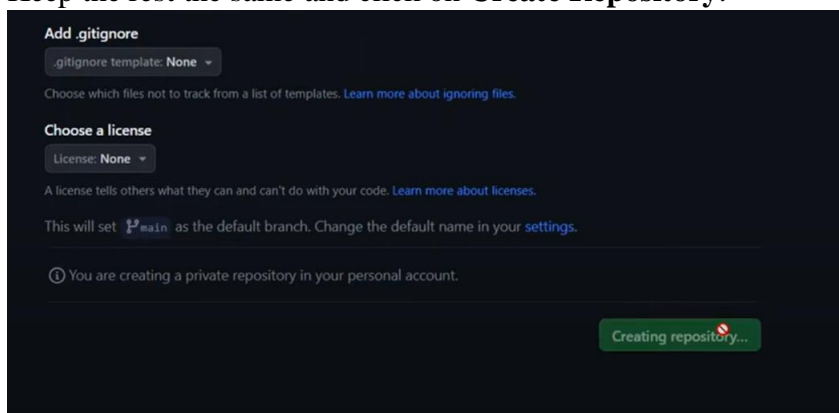
Select to mark your repository as **public**. *If you prefer to keep your content **private**.* You **will need** to add me as a contributor so I can view your portfolio to grade.



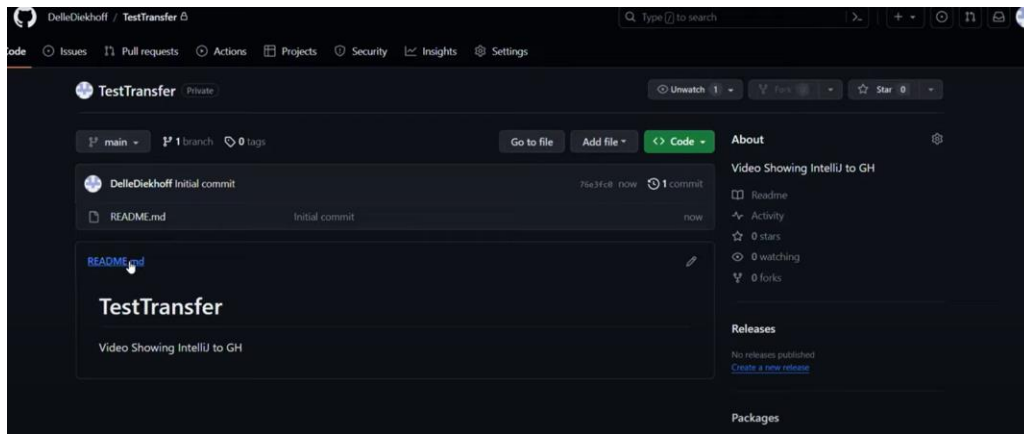
Select on the Add a **README** file.



Keep the rest the same and click on **Create Repository**.

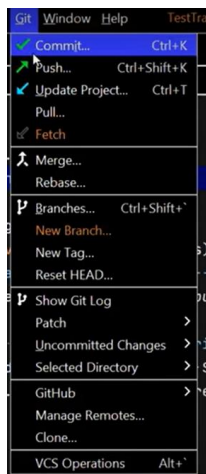


Now, your browser repository is created.



Now, that you have created your repository on the browser. You *will go back to* IntelliJ.

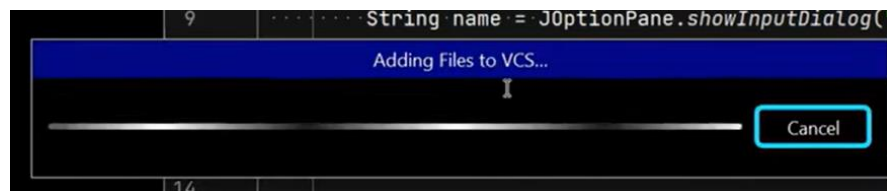
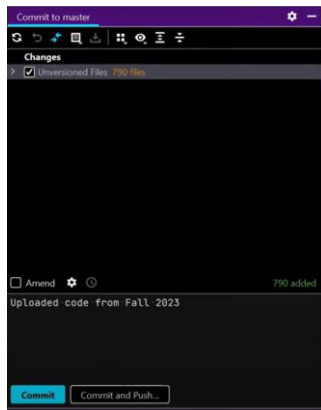
In IntelliJ click on **Git** → click on **Commit**.



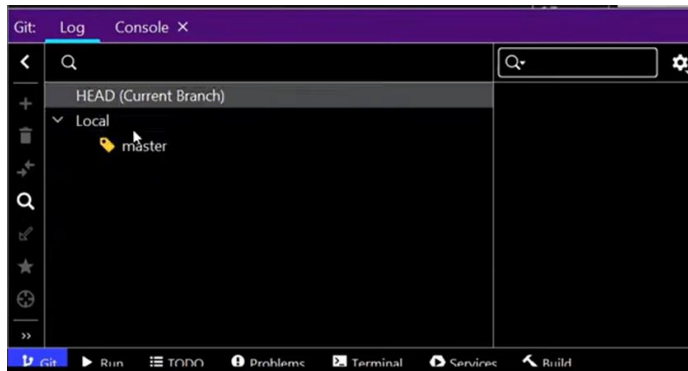
Now, we will take our local repository and connect it the browser repository.

Click on all the files you would like to commit to the browser (located to the left).

Then, write a **commit message** [a message that you can refer to the changes made] and click **commit**.

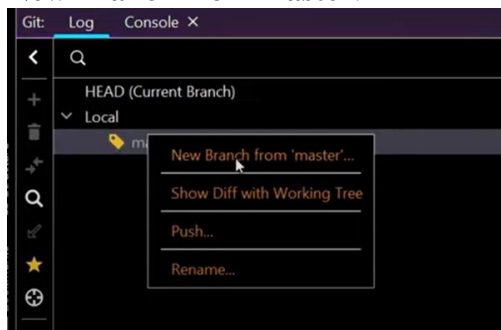


Next, click on **Git** at the bottom of IntelliJ.

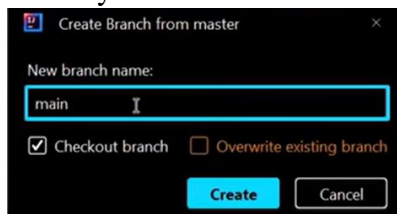


Adding a New Branch

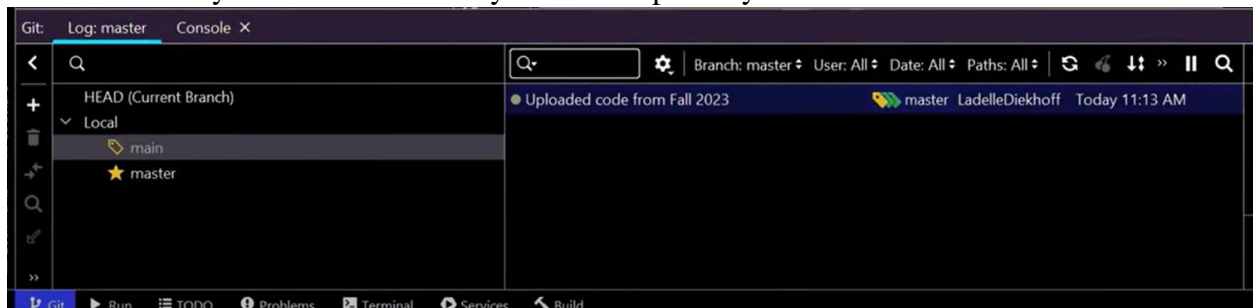
You will see your local branch which may be labeled master. Click on master and then click on **New Branch from master**.



A Dialog Box will show up with a prompt to enter a new branch name. Add a Branch name (it can be your name or whatever you want to name this branch and click **create**.

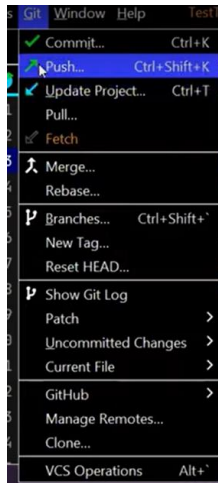


You should see your branch added to your local repository



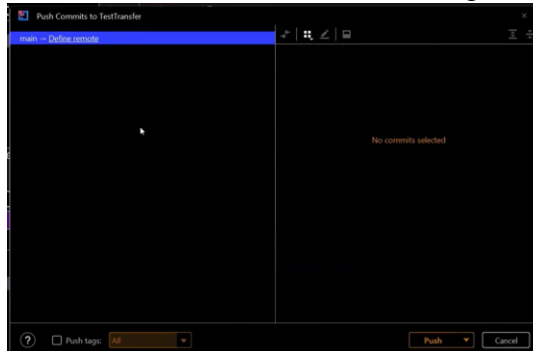
Now we connect local repository to browser repository.

Click on **Git** → and then click on **push**.



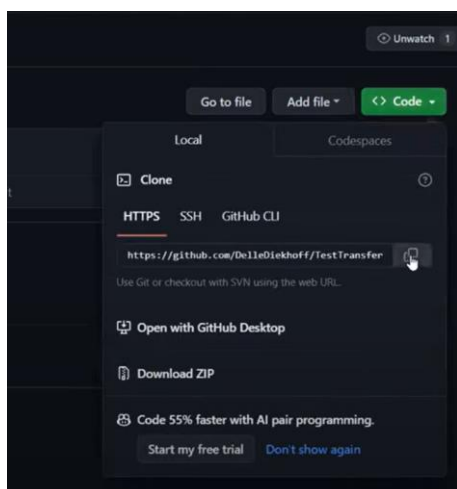
We will define the Remote repository.

Click on **Define remote** and a dialog box should display.

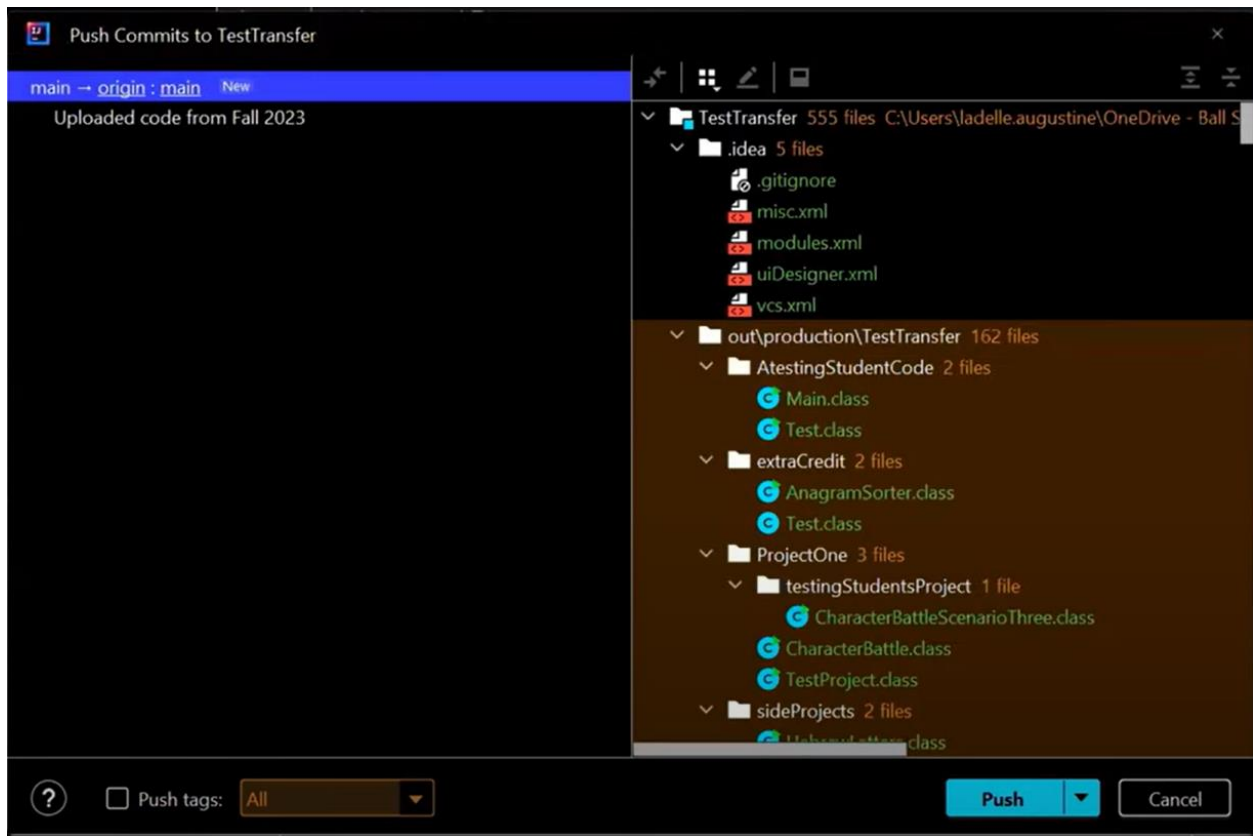


Now, we will go to Desktop browser to get the URL to the browser repository.

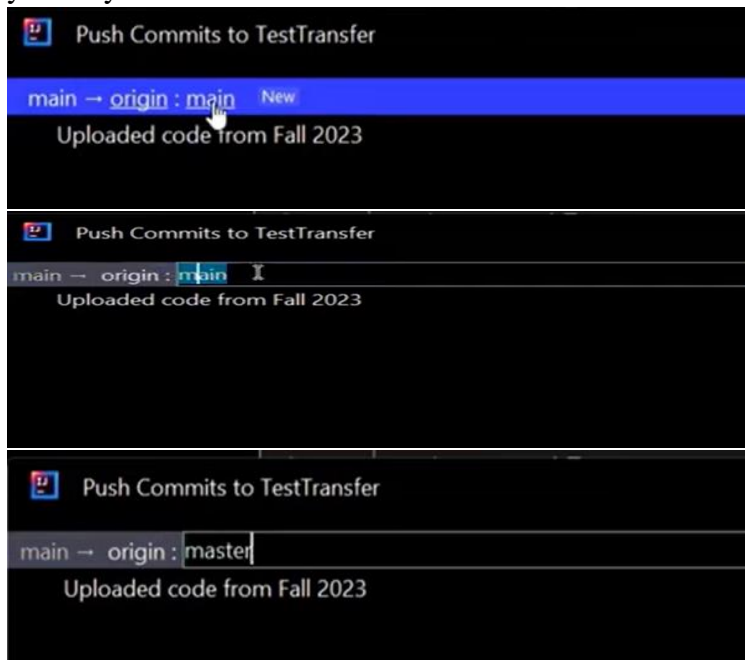
Click on **<>Code** → copy **HTTPS** → paste in **URL** in the dialog box and click **ok**.



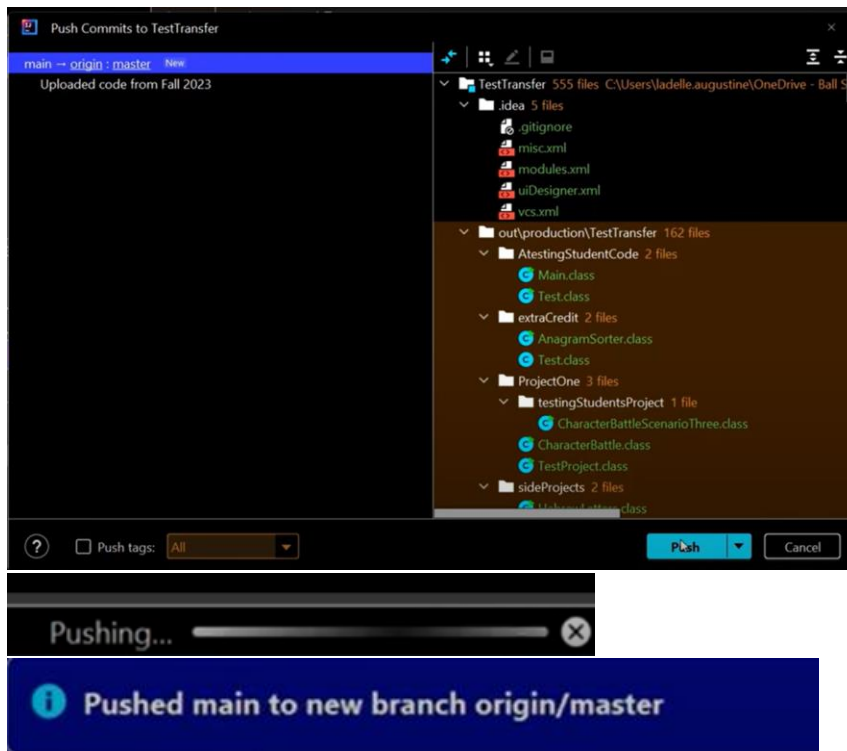
Now, we have the local browser is connected to browser branch.



Click on your **branch name** and change to **master** by typing in master. Then, click **Enter** on your keyboard.

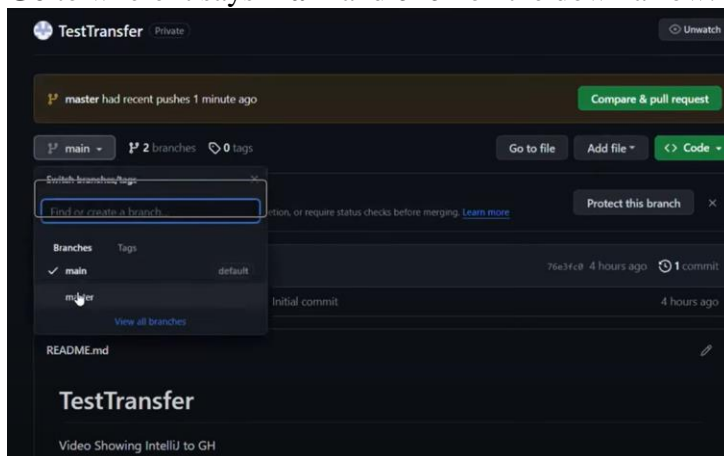


Now, the **push** should be sent to your **master** branch. You should see pushing below.



Then, you go to the browser and go to your repository.

Go to where it says **main** and **click** on the down arrow. Click on **master**.



Finally, you have connected your Repository to IntelliJ. Now, you can work on the READ.md file.

