GitHub

BLG101E - Introduction to Information Systems

Recitation Week 4

GitHub Username

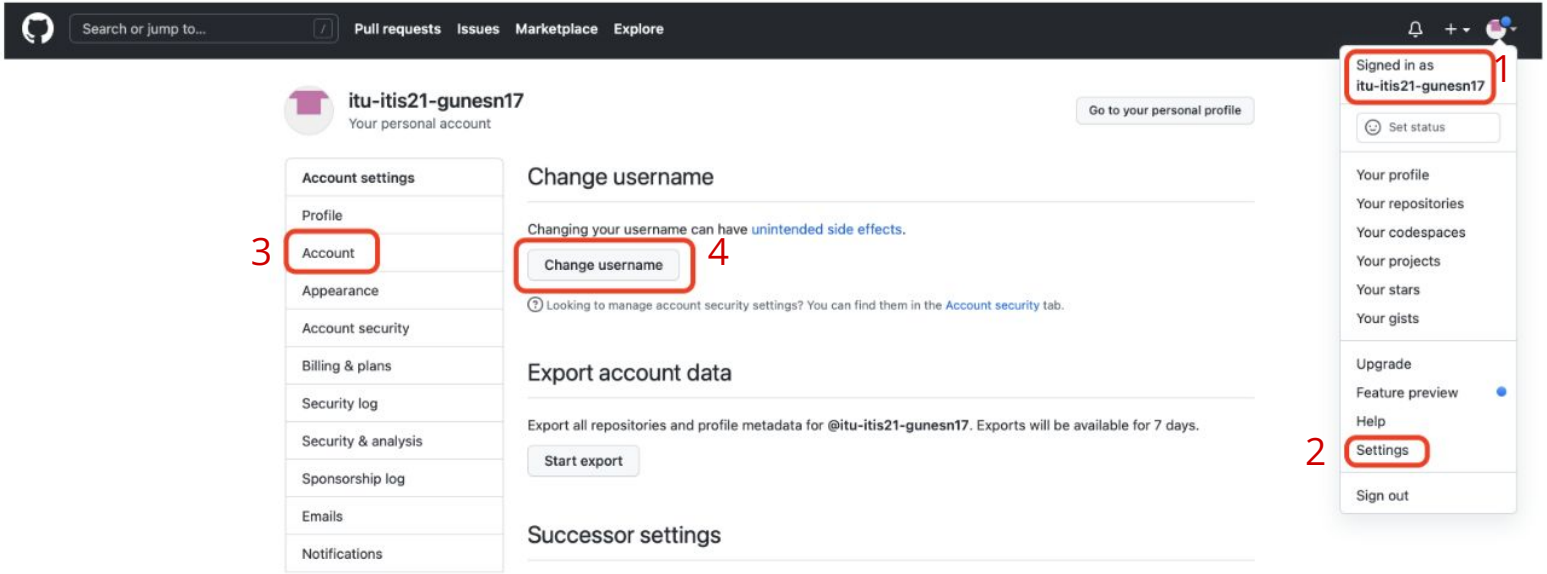
Make sure that you created a Github account with username in necessary format:

itu-itis22-yourITUusername

This should be 22 since we are in Fall 2022 term even if your registration year is different.

GitHub Username

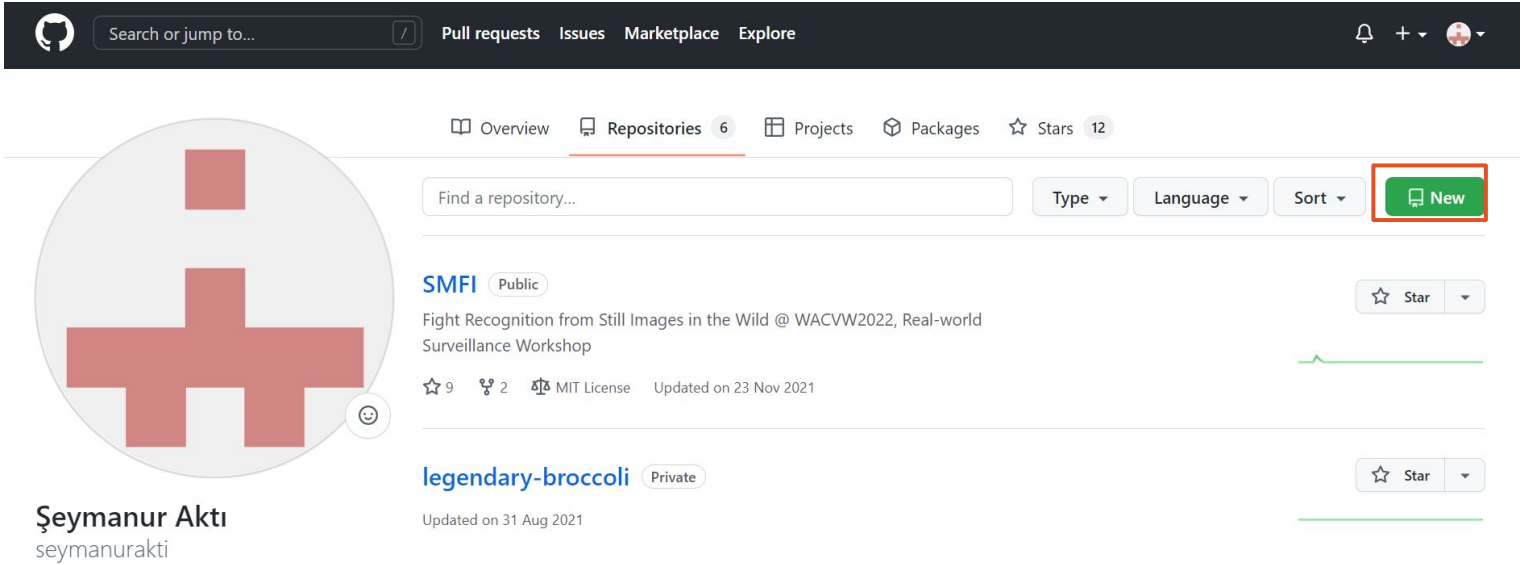
If you need to change your GitHub username, please follow these steps:



GitHub Repository

First, let's create a new repository named as:

lab04_<your-student-ID>



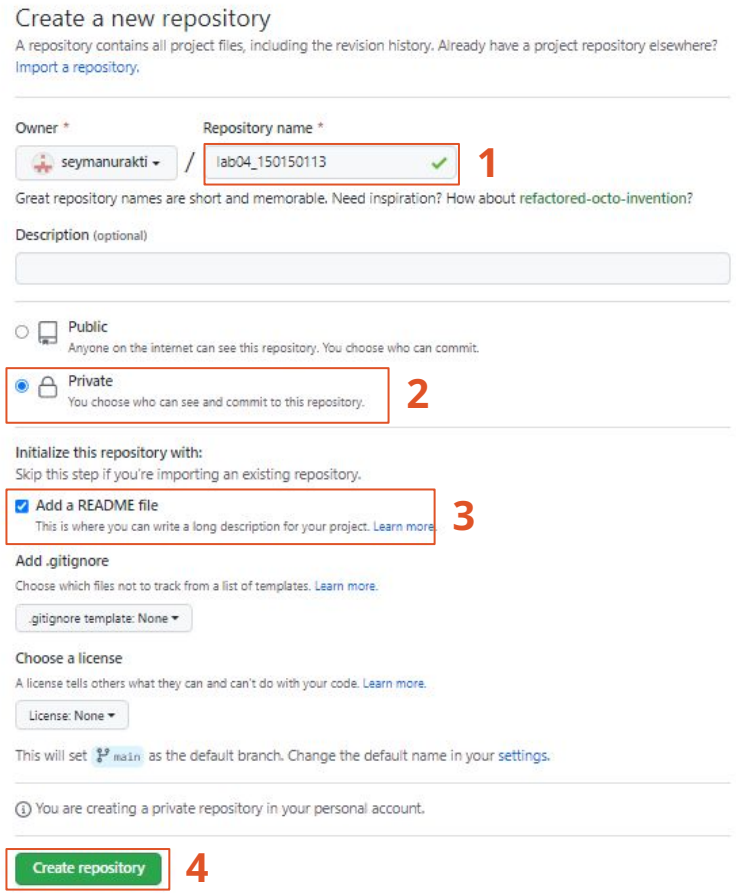
GitHub Repository

(1) **Name your repository as lab04_<your-student-ID>**

(2) **Choose type of repository as Private.**

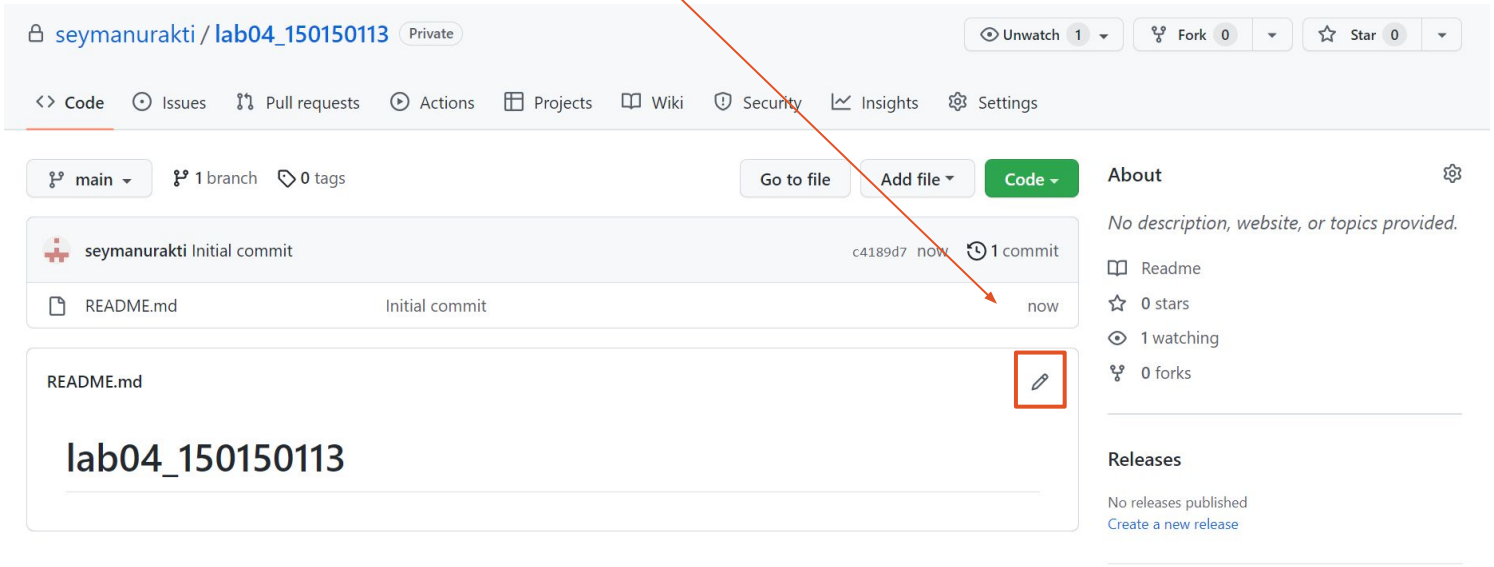
(3) **Choose Add a README file.**

(4) **Click Create Repository.**



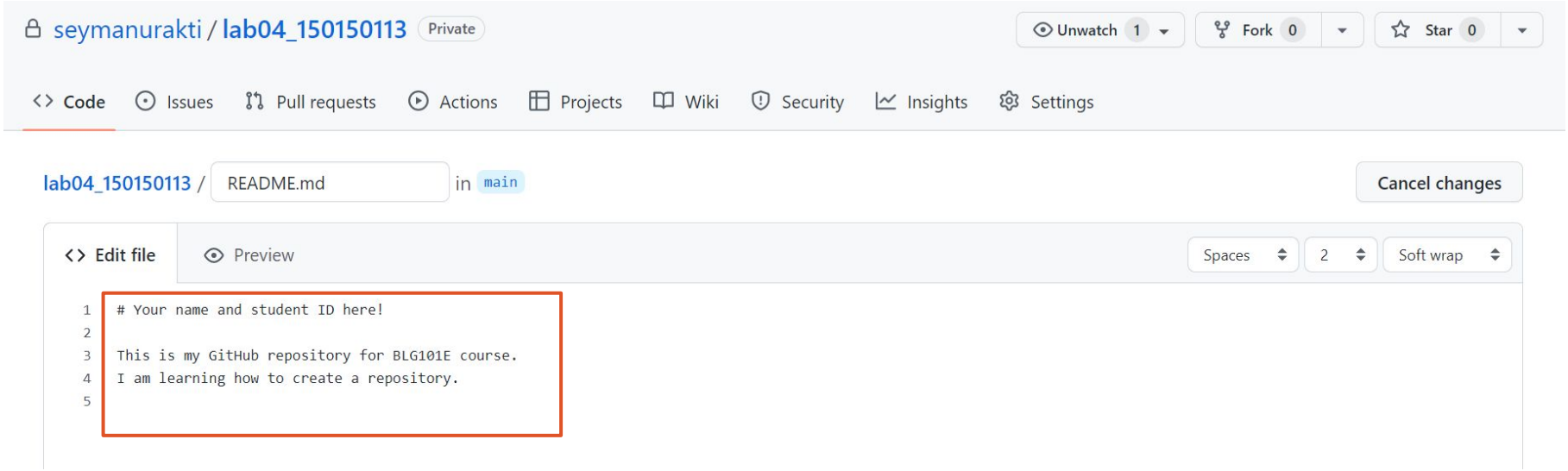
Make changes on Readme file

Let's edit the Readme file.



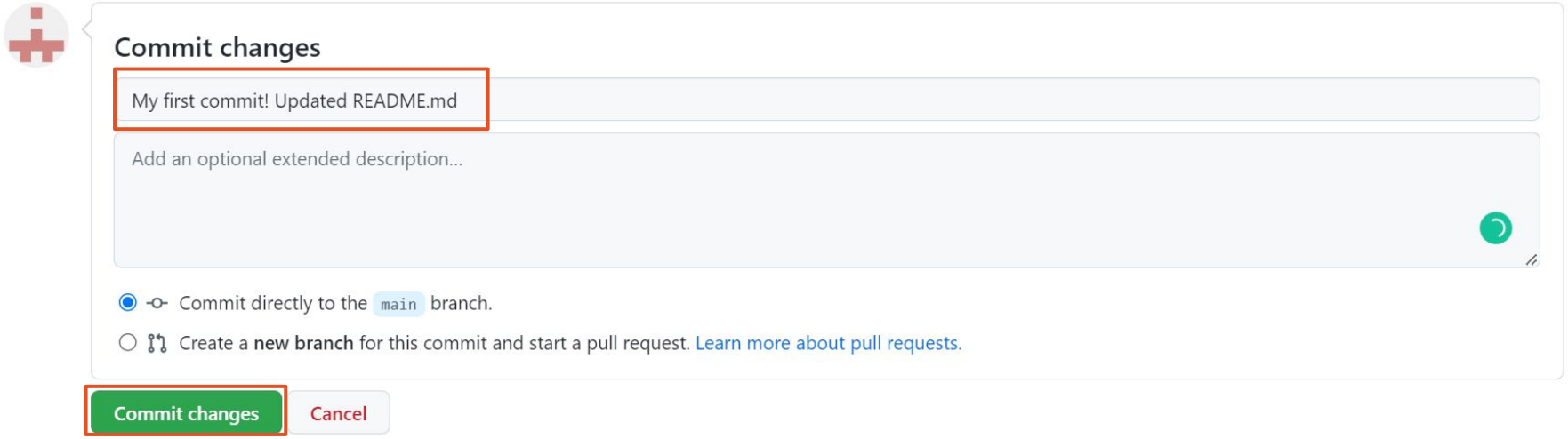
Make changes on Readme file

Write down your name and student ID in the Readme file. Then, give some information about your repository.



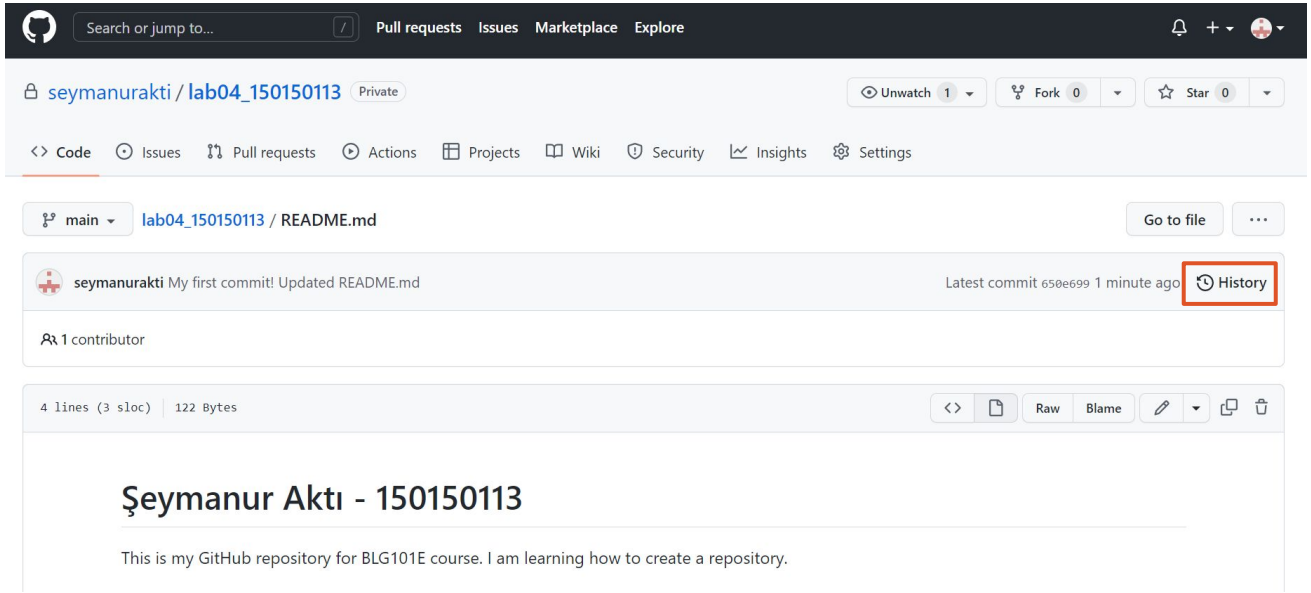
Commit Changes

When you scroll down, you can see the commit window. Write down the commit comment as shown and Commit Changes.



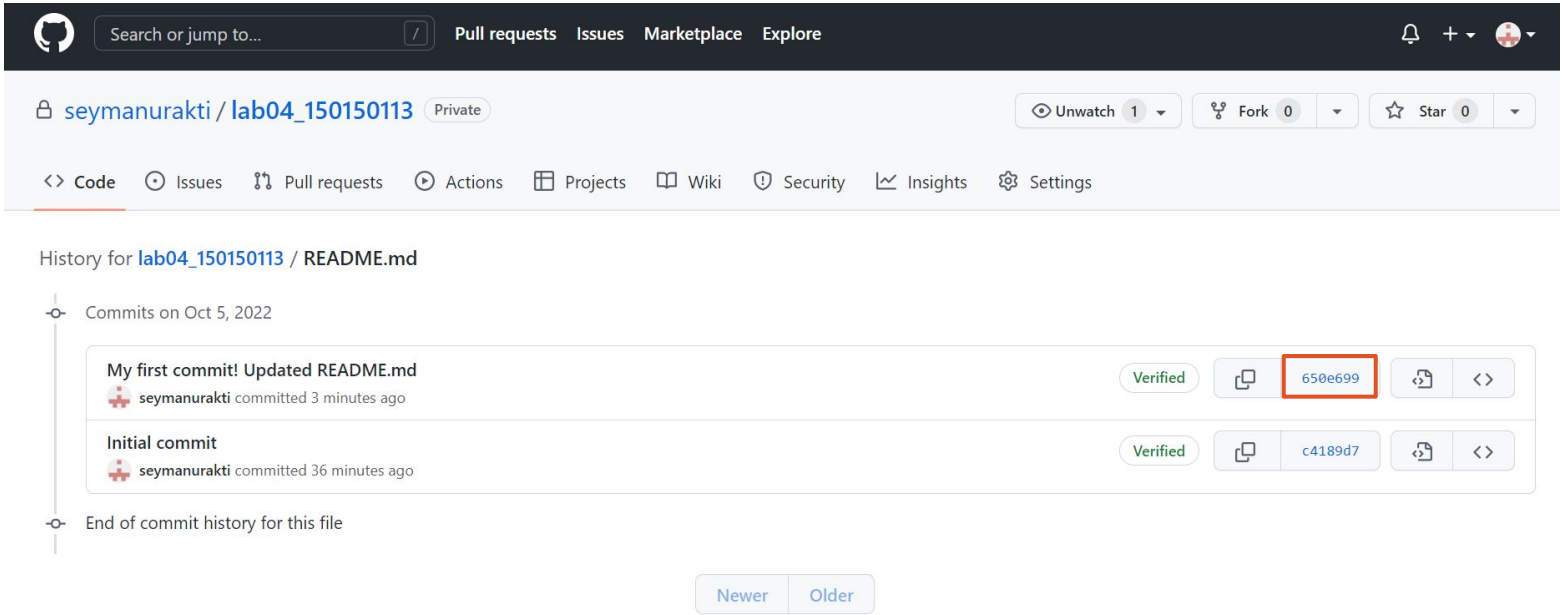
Check Commits

You can check your commit details from History.



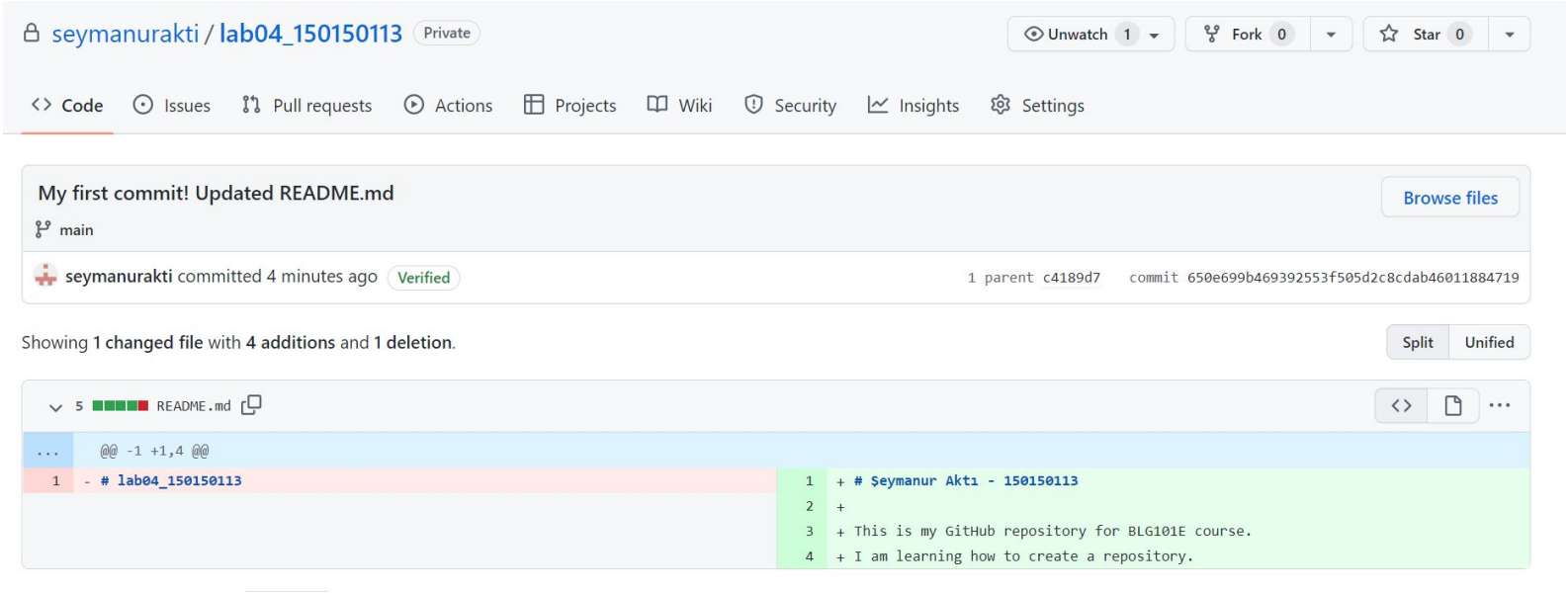
Check Commits

Let’s check our recent commit.



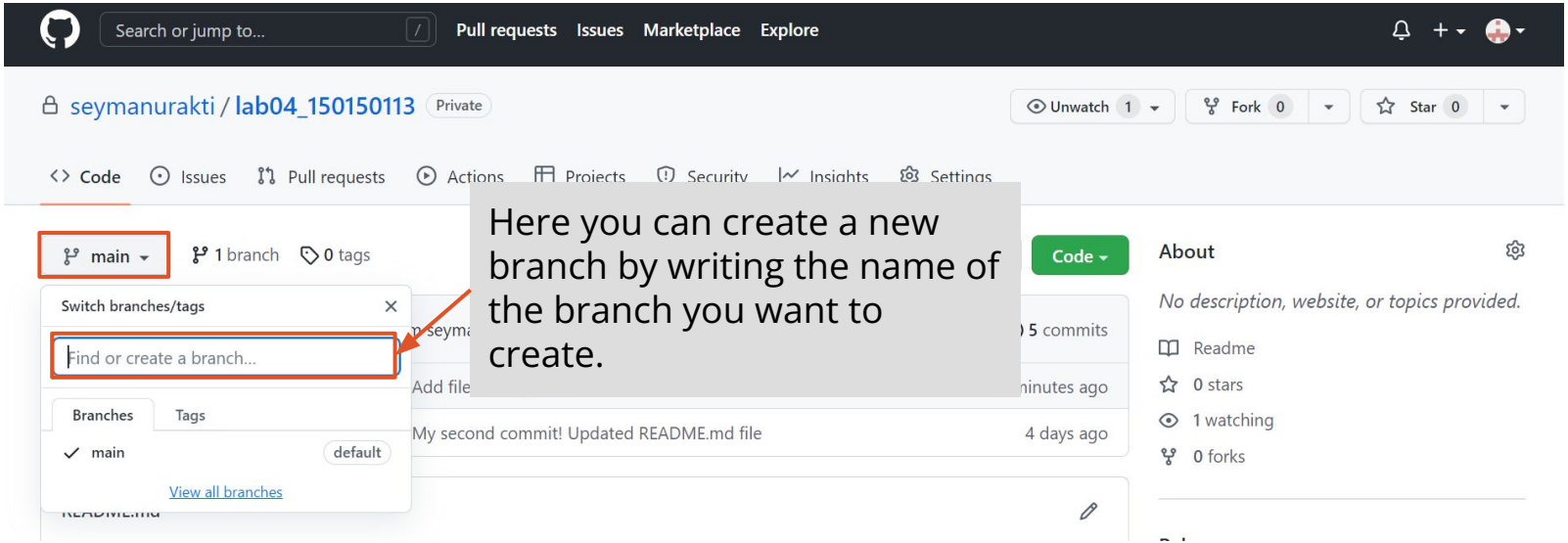
Check Commits

You can view which lines were removed and which lines were added with red and green highlights respectively.

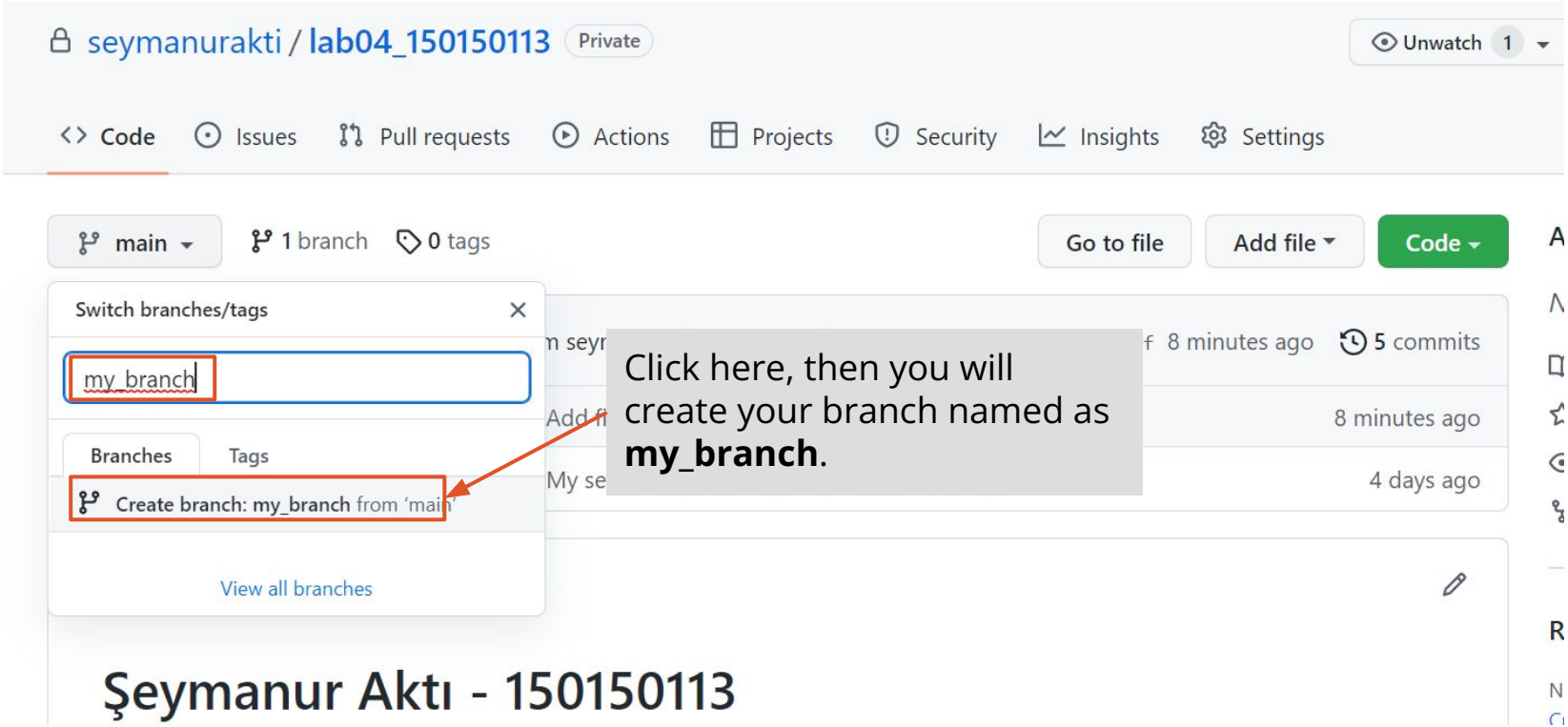


Create a new branch

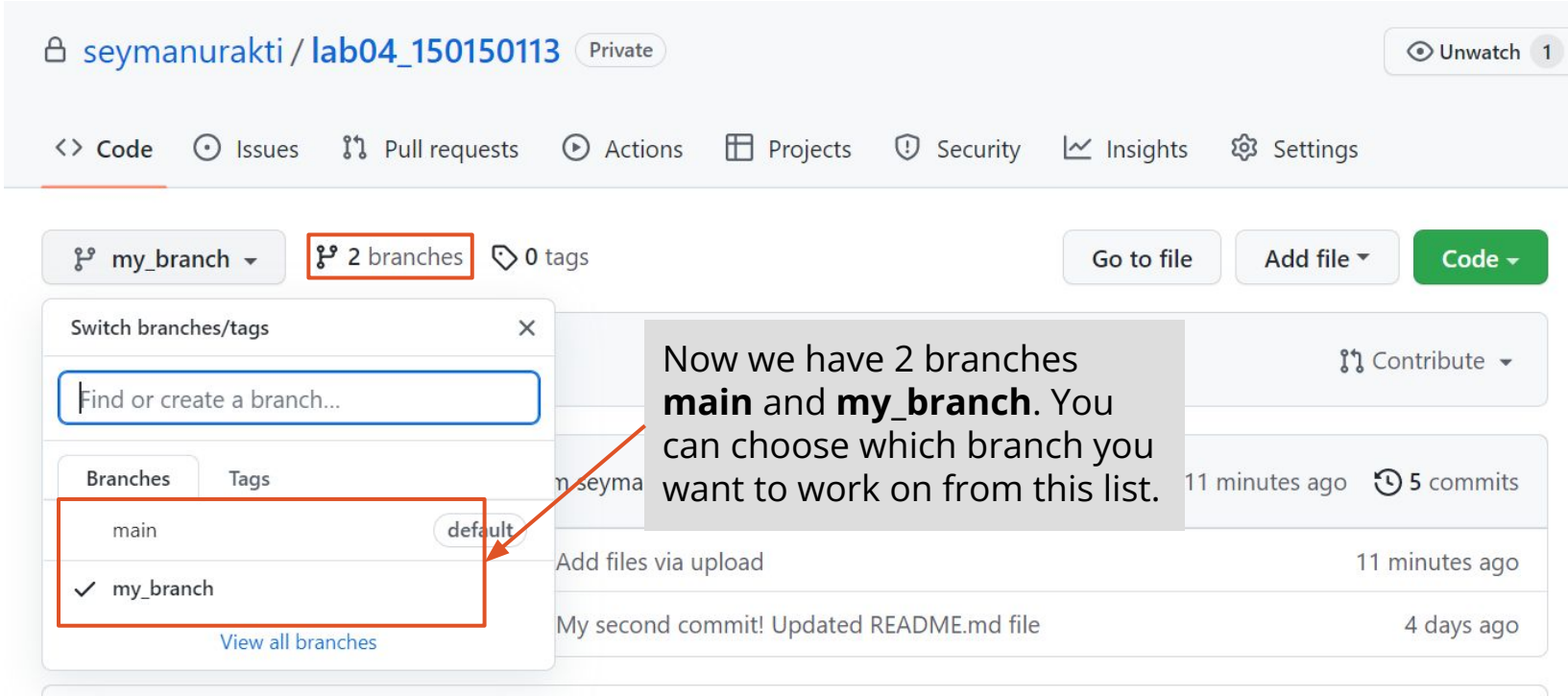
You can work on multiple branches and then merge them.



Create a new branch

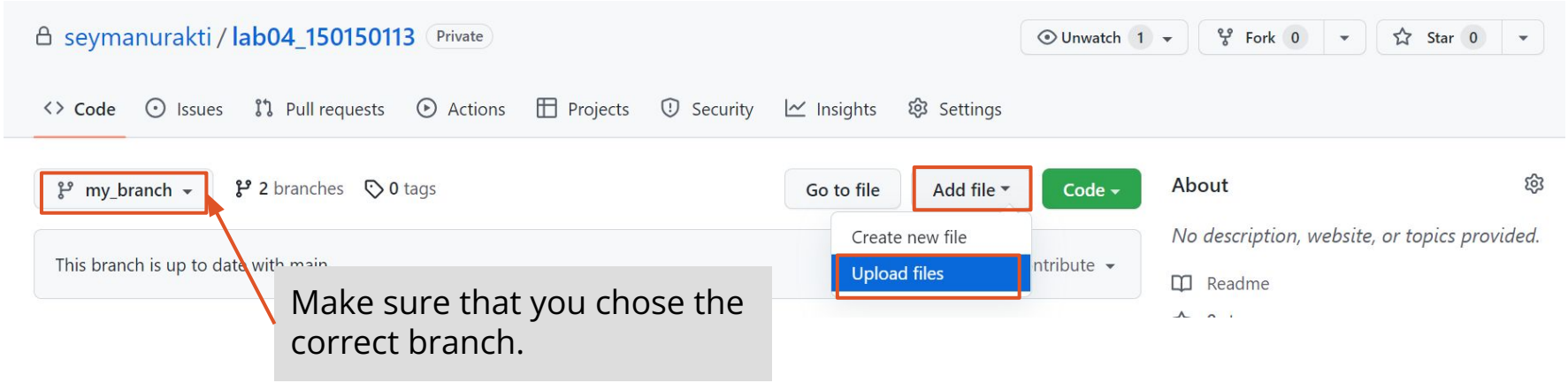


Create a new branch

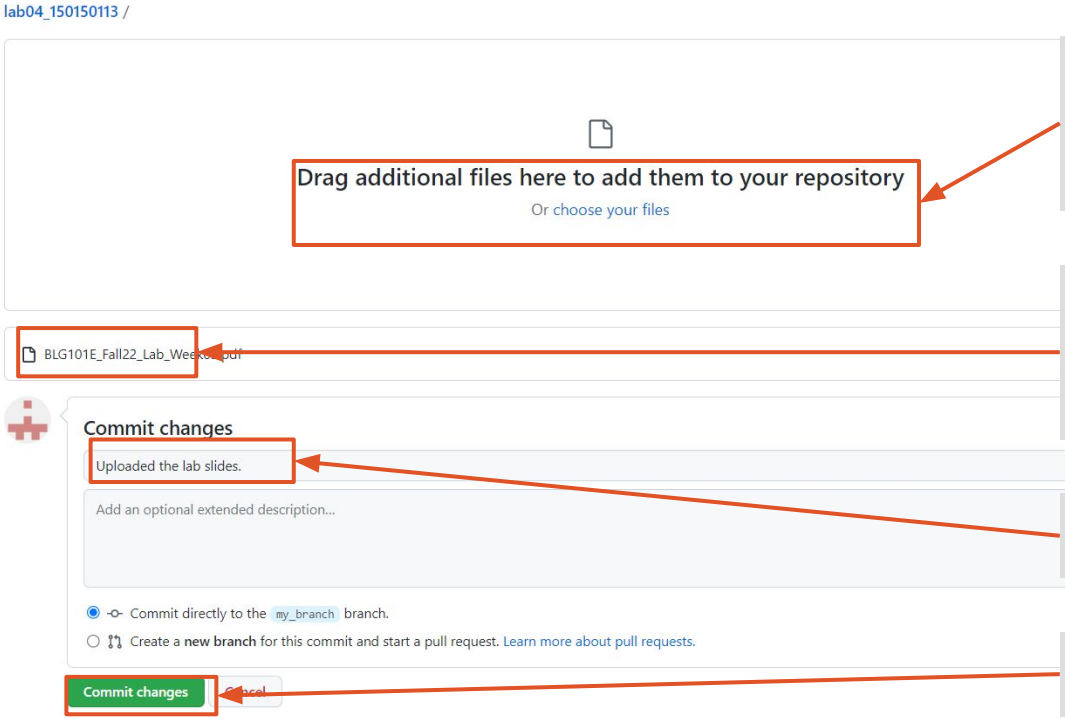


Commit to the new branch

Now, let's upload some documents to the new branch.



Commit to the new branch



You can drag & drop or choose files from the computer.

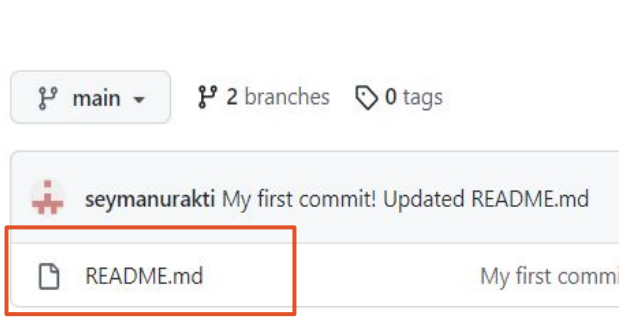
You can simply upload the lab slides from your computer or anything else.

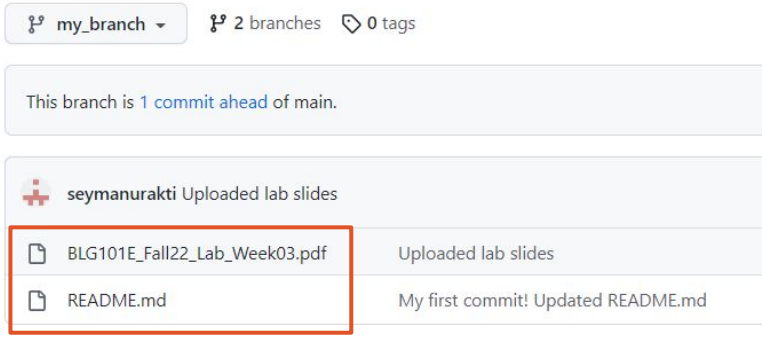
Write the commit message.

Commit to the new branch.

Commit to the new branch

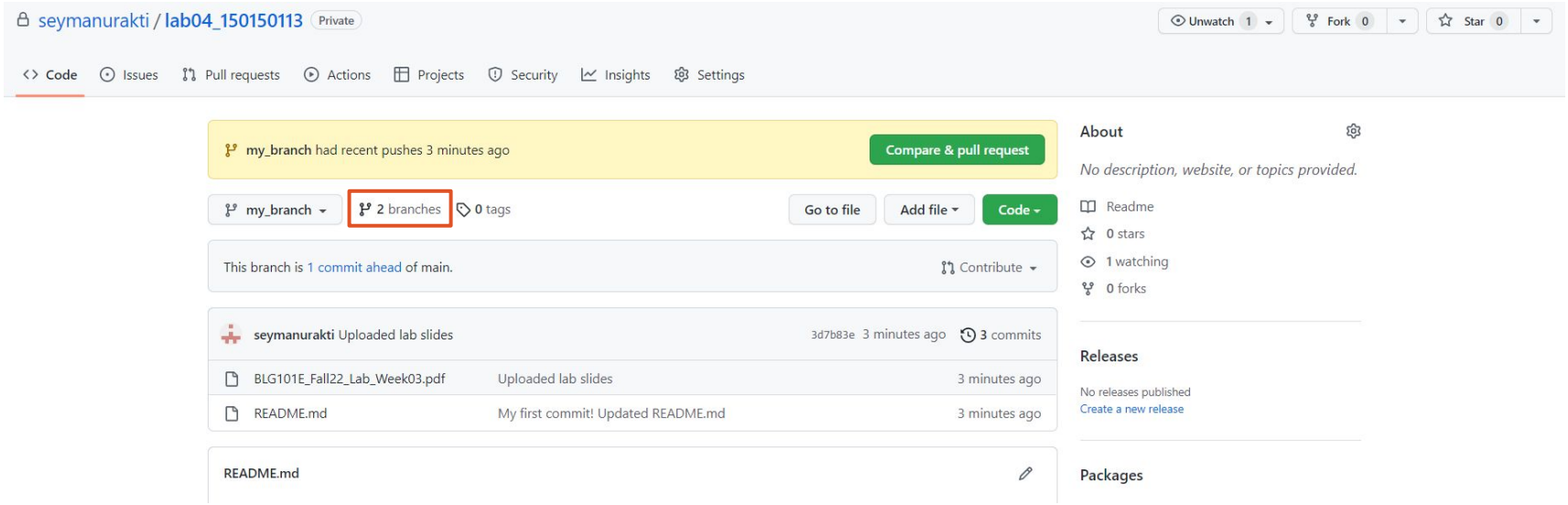
When you compare 2 branches now, you can see that the file content is different.





Merge branches

We can also merge branches.



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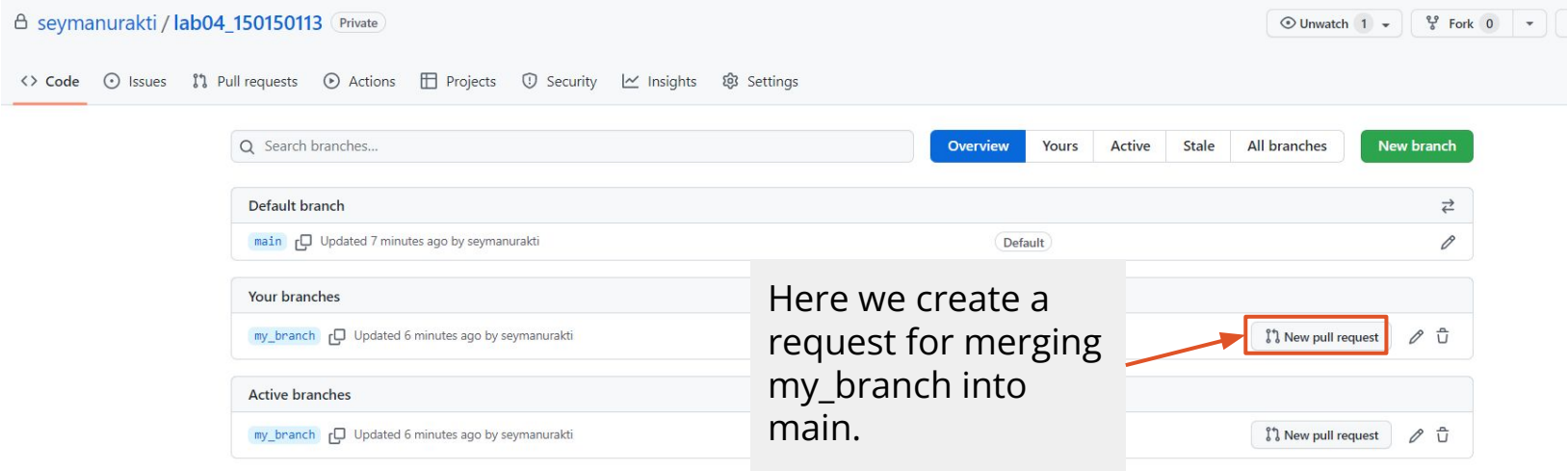
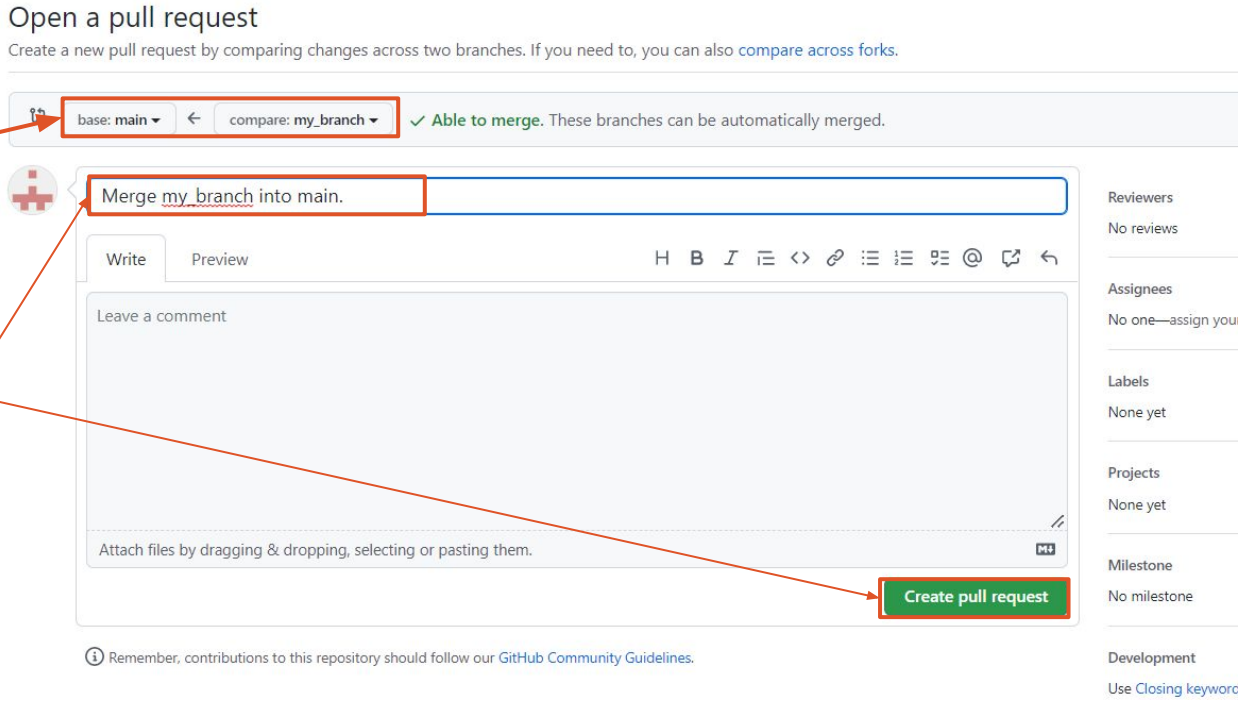


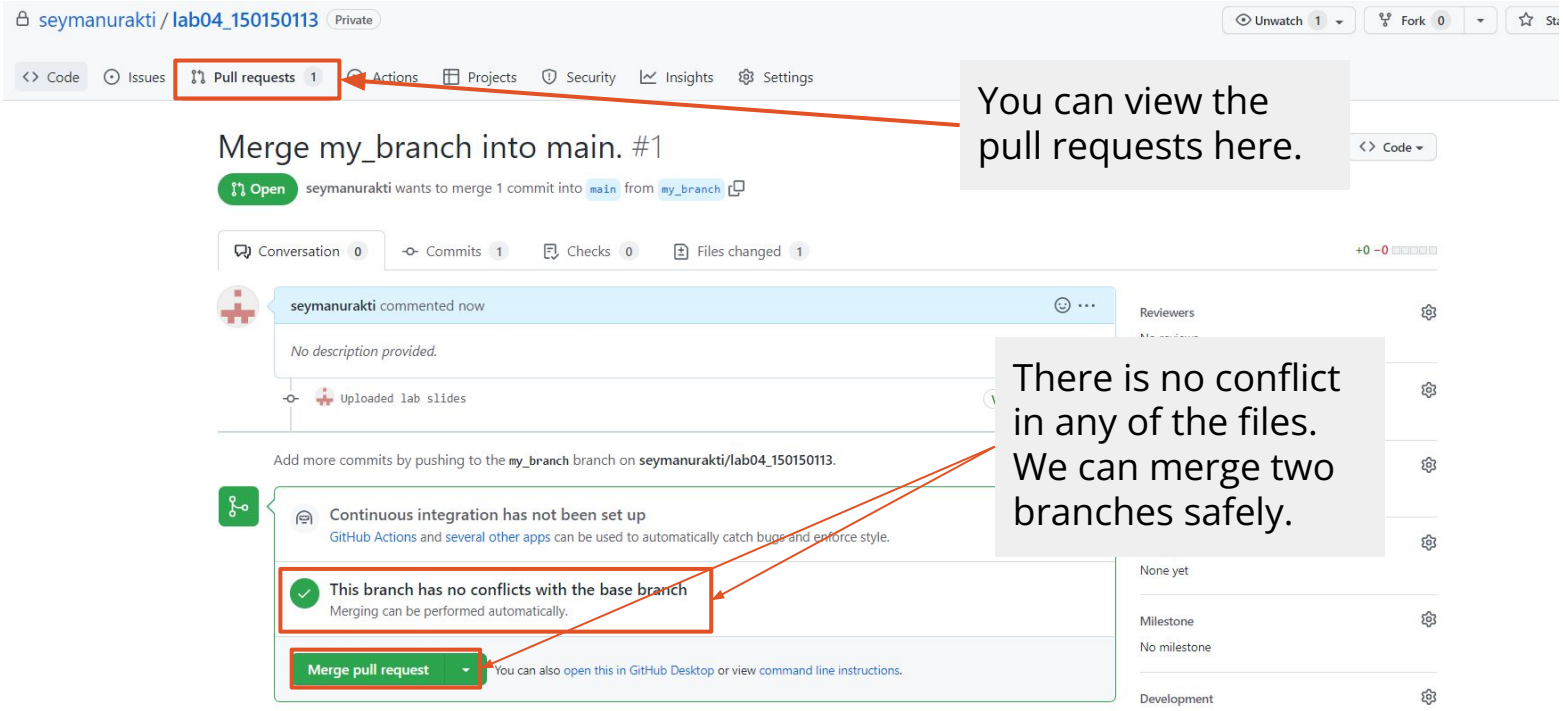
Merge branches

Base is main. The changes will be applied on main.

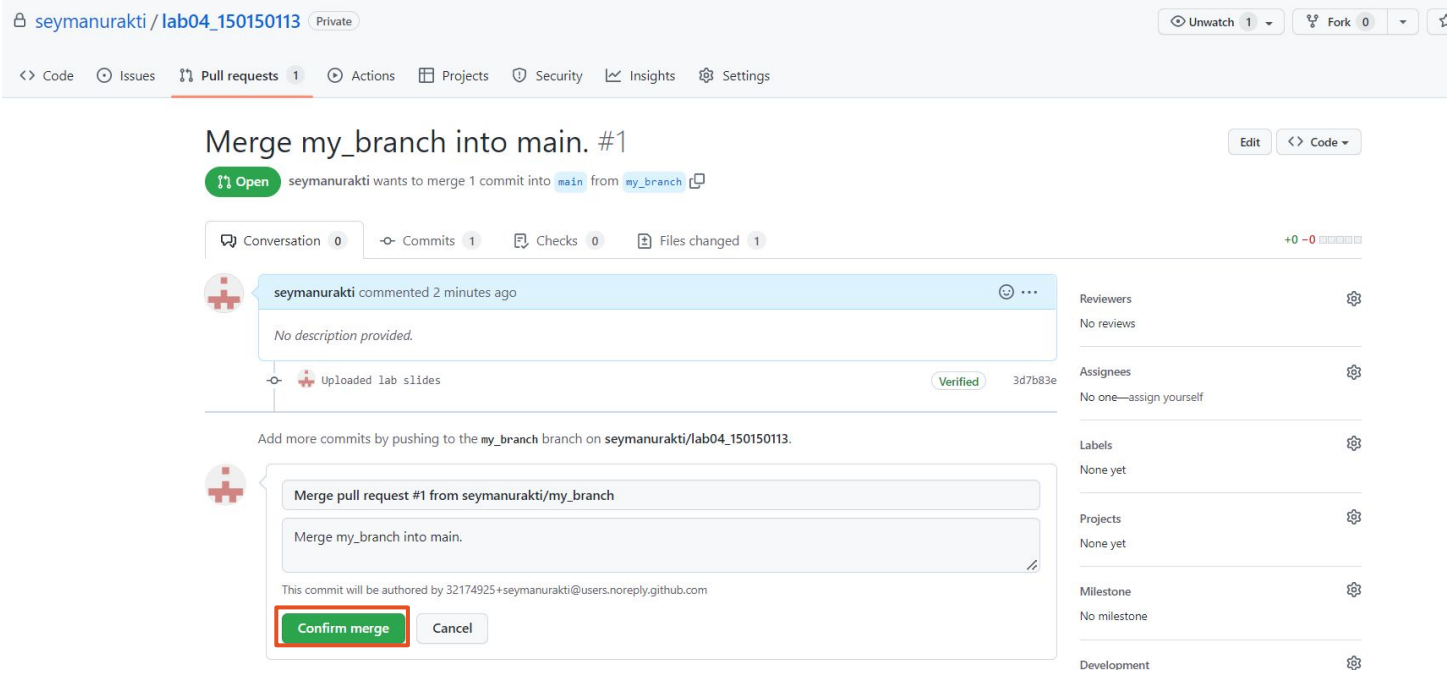
Write a comment for pull request and create pull request.



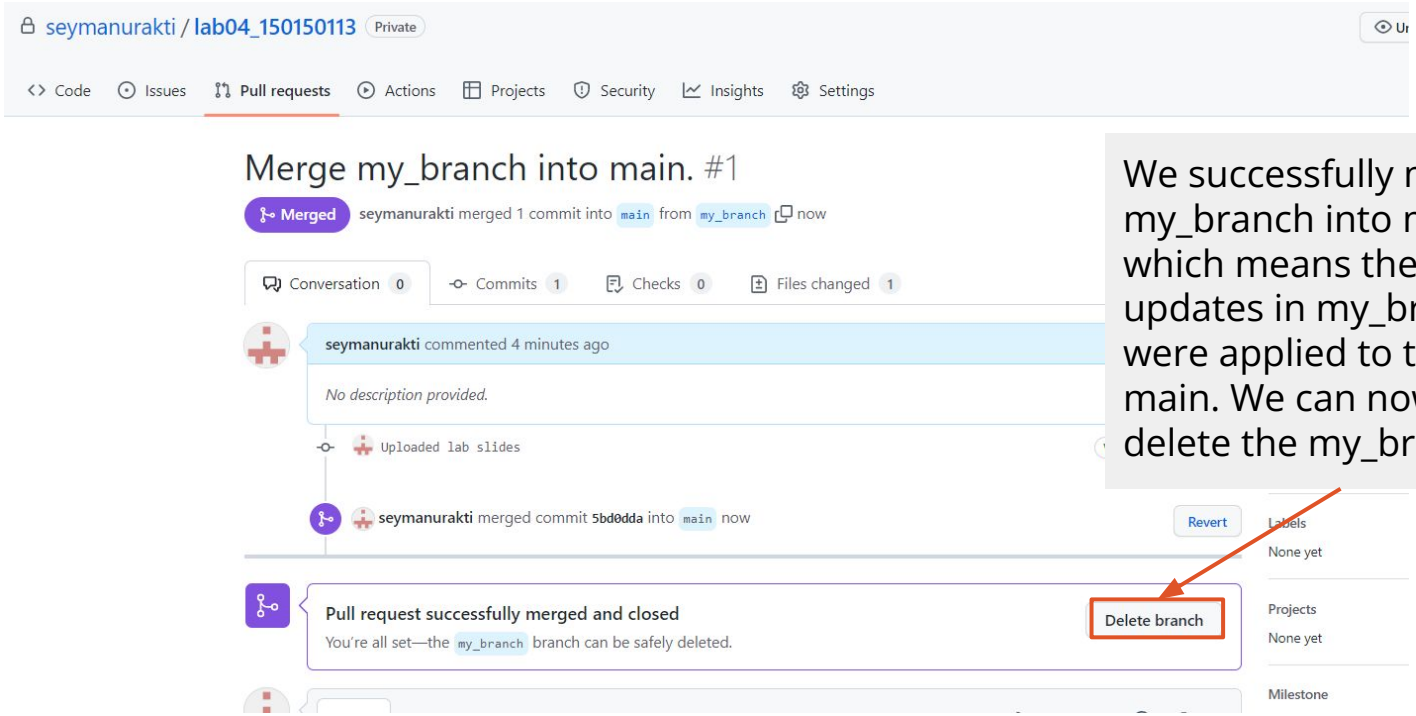
Merge branches



Merge branches

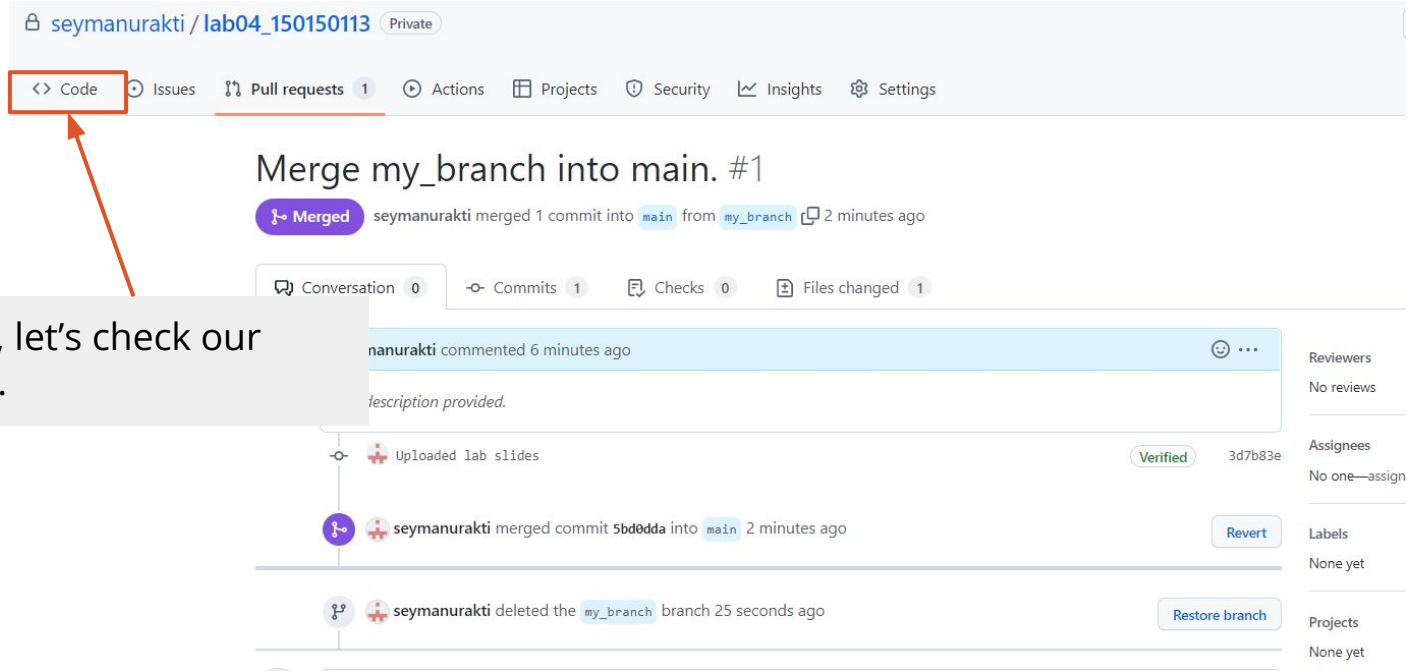


Merge branches



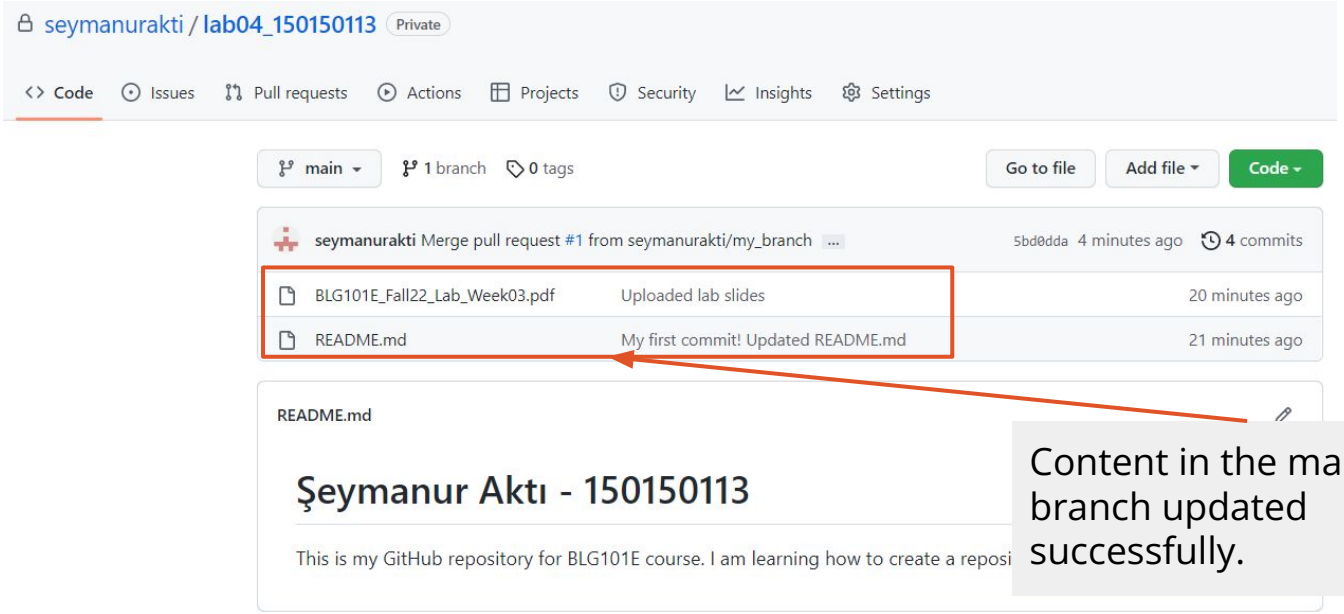
We successfully merged my_branch into main which means the updates in my_branch were applied to the main. We can now delete the my_branch.

Merge branches

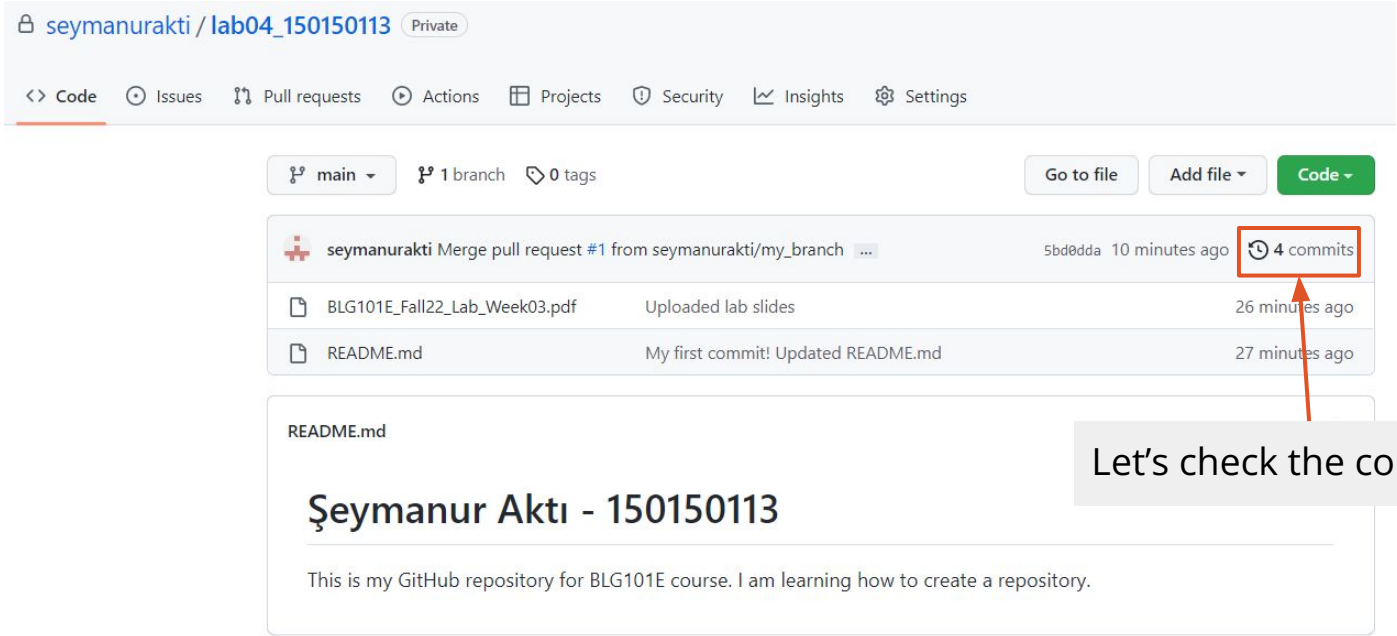


Now, let's check our repo.

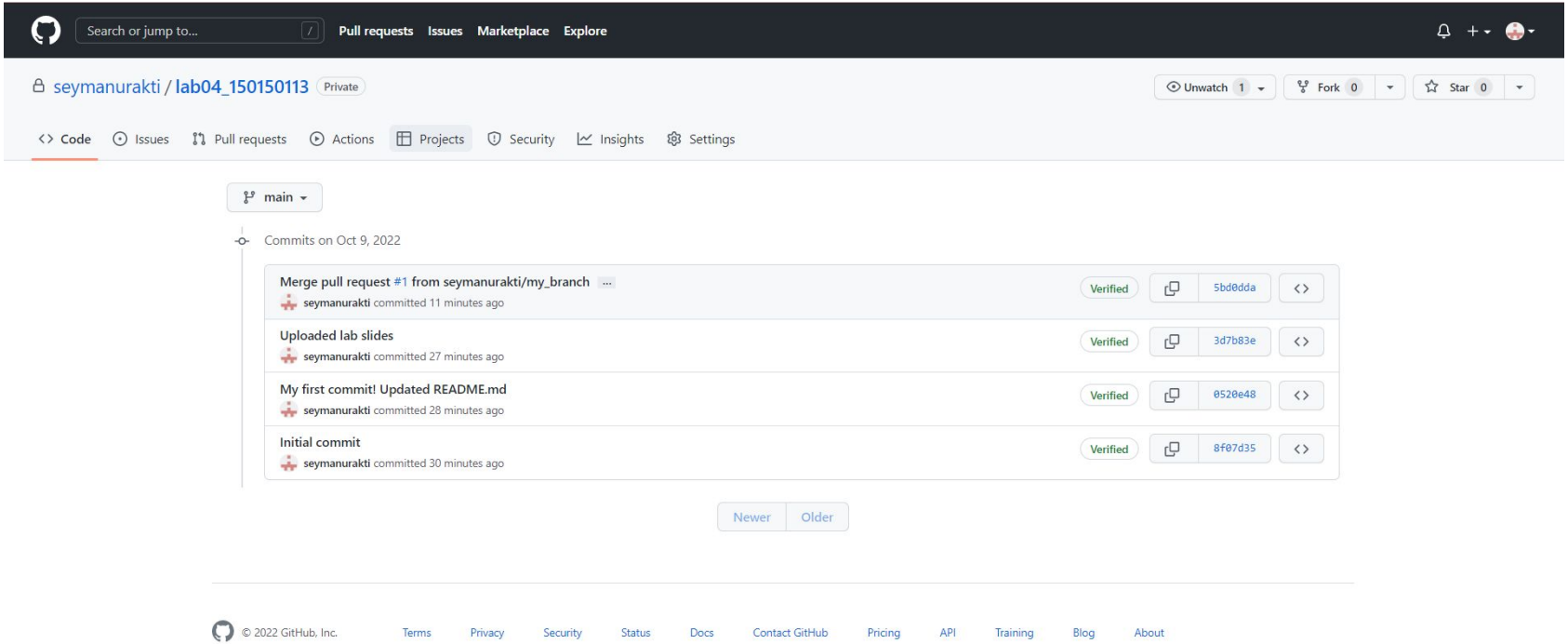
Merge branches



Check your commits



Take a screenshot



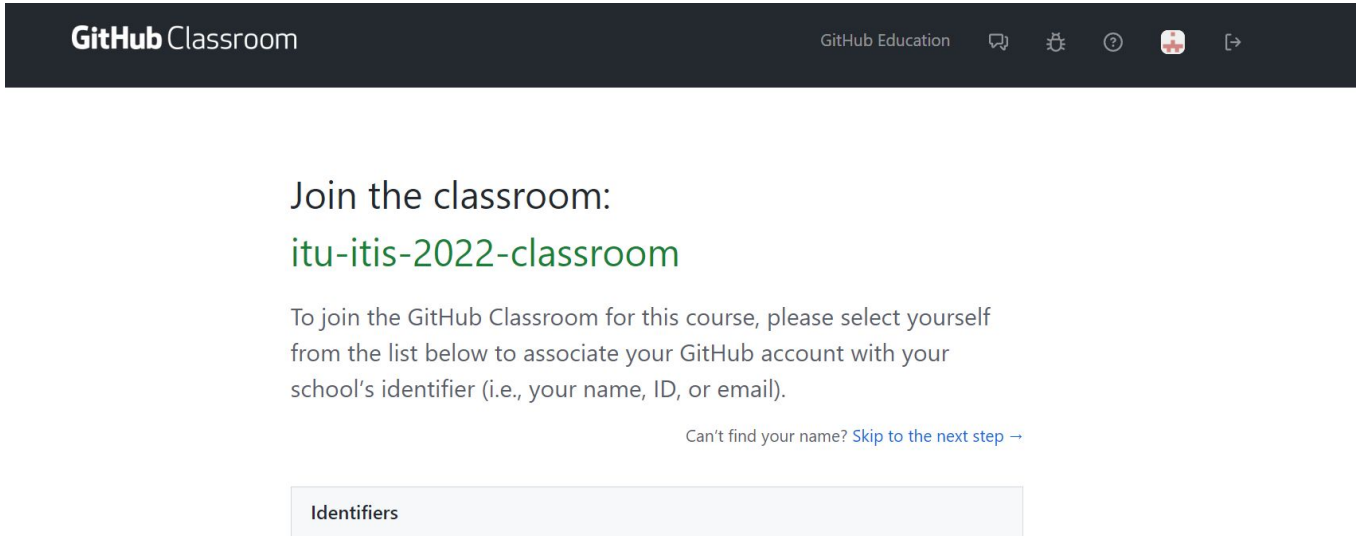
Github Classroom

We will use GitHub Classroom for the course assignments starting from this week. You can use the following link to access the GitHub Classroom for the course:

https://classroom.github.com/a/UTPCcPL_

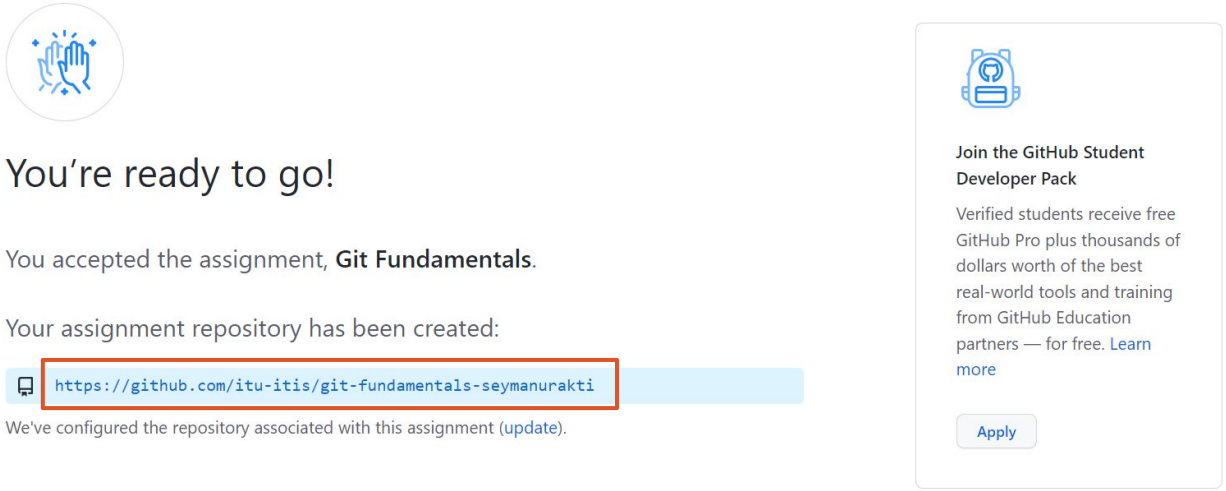
Github Classroom

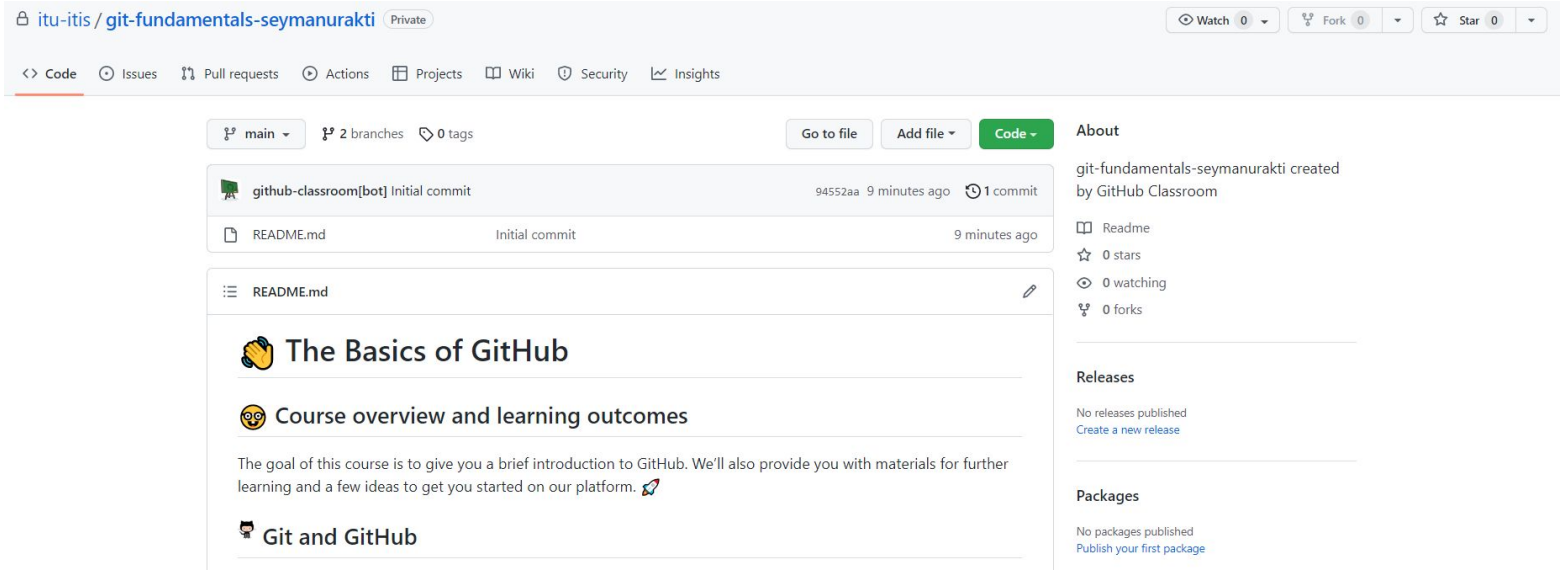
Here, you see the following window. You should choose your student ID from the list below and join in the Classroom.



Github Classroom

After joining in the classroom, you will be given a link to your assignment repository as follows:



Github Classroom

You can also view this among your repositories. You will use this repository for the given assignments.