Class Activity 01: Create GitHub Account

Objective:

- Create a GitHub account.
- Get familar with the assignment submission workflow with GitHub.

Introduction:

GitHub is a cloud service for source control and team collaboration. It allows people, who are in different places, working together on software development projects.

In this course, we will use GitHub for classwork, laboratory exercises and project submission.
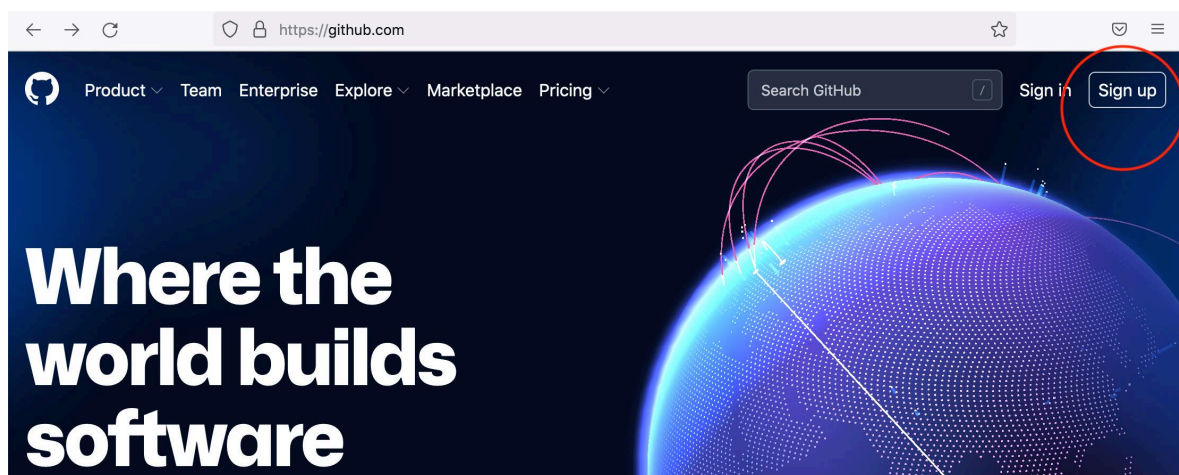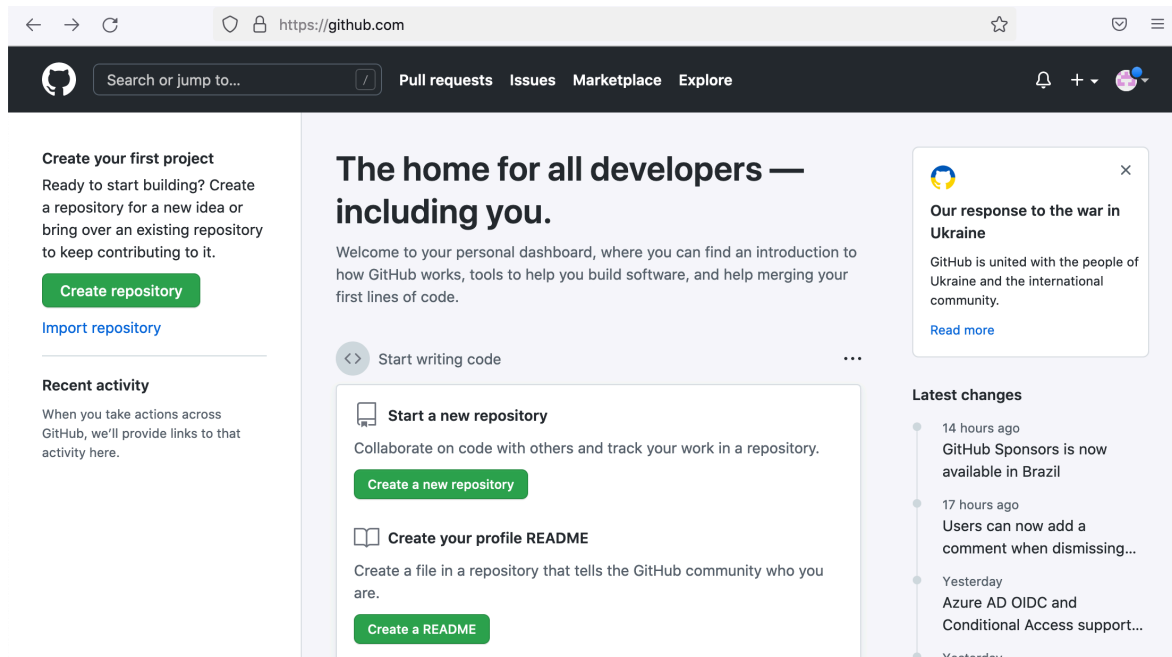
Environment:

- A PC with web browser.

Steps:

Task 1:

1. Visit the GitHub url https://github.com/

2. Click "Sign Up" and create an GitHub account. You can skip this step if you have a GitHub account already. (if you have no account in GitHub yet)
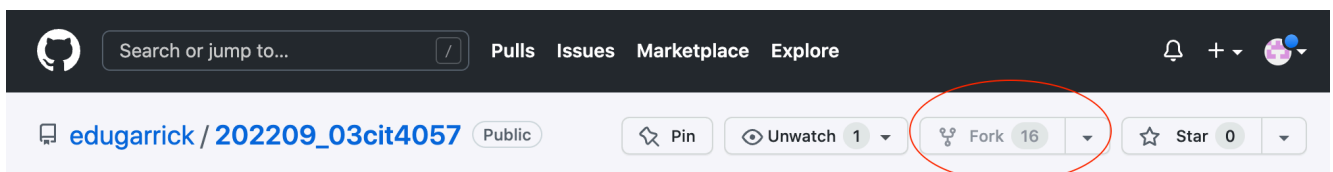

3. In the first page, enter your email address, password and username for registration.

4. You will receive a verification code in your email address you entered above.

5. Choose Student and "Continue for free".

6. Then you will see the GitHub dashboard.

Task 2:

1. Logon the GitHub.com

2. On GitHub.com, navigate to the edugarrick/202209_03cit4057 repository.

3. In the top-right corner of the page, click Fork.

4. Select an owner for the forked repository.

Create a new fork

A *fork* is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project.

Owner *   **Repository name** *

[🔲 **hogadev** ▾] **/** [202209_03cit4057   ✓]

By default, forks are named the same as their parent repository. You can customize the name to distinguish it further.

Description (optional)

[   ]

☑ **Copy the** `main` **branch only**

   Contribute back to edugarrick/202209_03cit4057 by adding your own branch. **Learn more.**

ⓘ You are creating a fork in your personal account.

[**Create fork**]

5. Click "Create fork" button. GitHub will create a forked repository under your account.

Task 3:

1. In your forked respostiory, sync the fork by clicking the "Sync fork" button below.

[Go to file] [Add file ▾] [<> **Code** ▾]
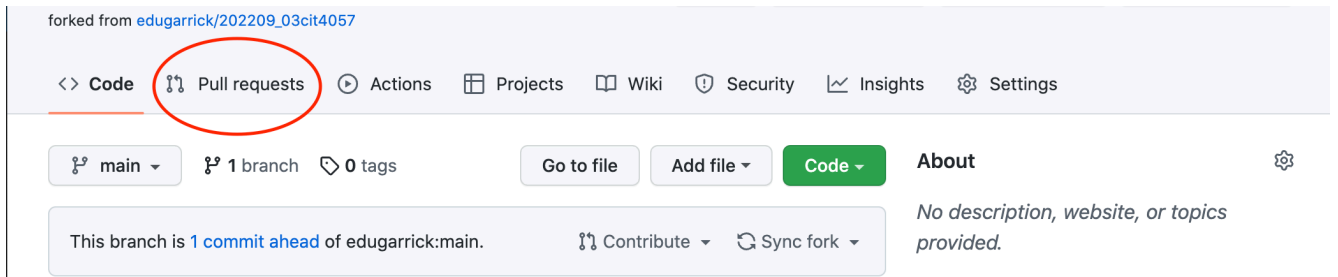
[⇡↧ Contribute ▾] [⟳ Sync fork ▾]

2. Update the following file with your student number and GitHub login id.

```
task01
|_ src/students.csv
```
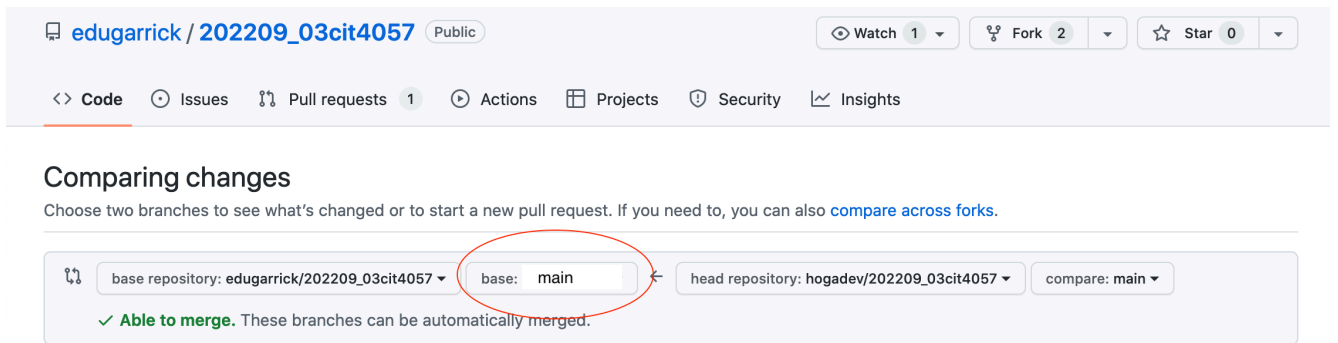
For example, if your student number is 123456789 and GitHub login id is stud123
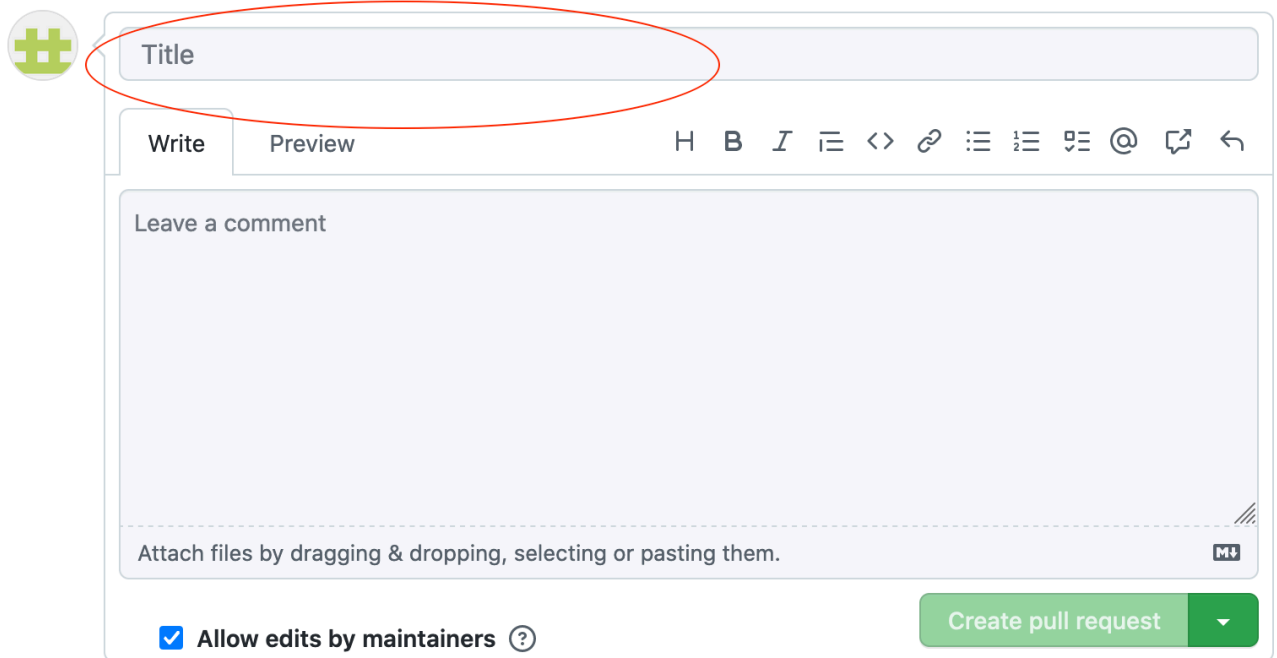
```
"123456789", "stud123"
```

8. Submit the change to your forked repository.

9. In your forked repository, create a Pull request and merge the change back to the master repository.

10. Select "main" in the "base:".

11. In the "Title", type the title of this lab sheet.

12. The click "Create pull request".