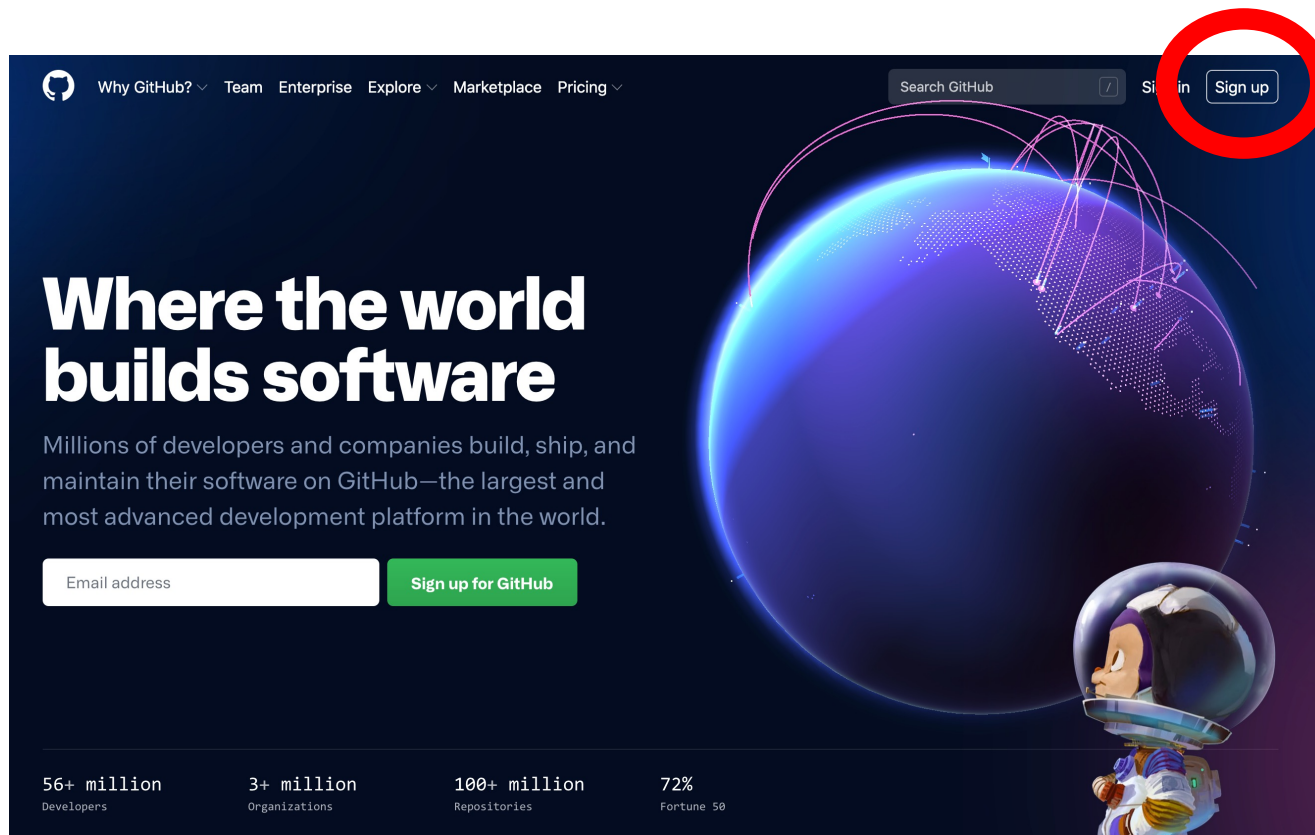


1. Open a free github account at github.com



2. Configure your git

Open terminal: Click File->New Launcher. Click the terminal icon at the bottom.

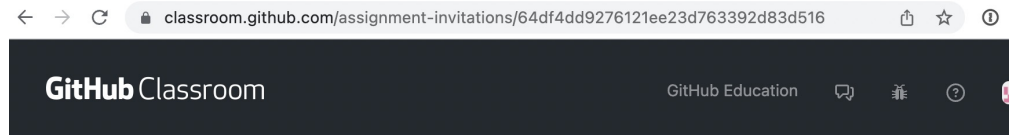
Useful Unix commands: `pwd, cd, ls, mkdir, rmdir -rf, cp, mv`
(for more advanced commands: <https://www.unixtutorial.org/basic-unix-commands>)

Configure your git in the `mcdb170.lsit.ucsb.edu`

```
>> git config --global user.email "Claire_River@ucsb.edu"  
>> git config --global user.name "Claire River (Full Name)"
```

3. Accept the homework invitation

1. Log-in to the GitHub
2. Click this invitation link: <https://classroom.github.com/a/L6X9b-Yg>



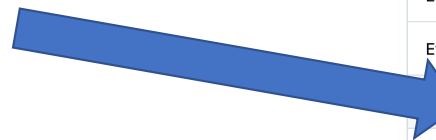
Join the classroom:

W22-MCDB170

To join the GitHub Classroom for this course, please select yourself from the list below to associate your GitHub account with your school's identifier (i.e., your name, ID, or email).

Can't find your name? [Skip to the next step](#) →

3. Scroll to find your name and click it



| Identifiers | |
|-----------------|---|
| Eashwar Iyer | > |
| Enrico Manding | > |
| Ethan Zhang | > |
| SS Kim | > |
| Farah Elshahaby | > |
| Fillan Swift | > |
| Grace Carpenter | > |
| Hunter Scott | > |

Your account is linked to Fake SS Kim on the roster. If this is wrong, please reach out to your instructor.

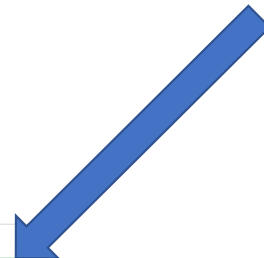
W22-MCDB170

Accept the assignment — w22wk01

Once you accept this assignment, you will be granted access to the `w22wk01-sungsookim-2nd` repository in the `sungsoo-ucsb-classrooms` organization on GitHub.

Accept this assignment

4. Accept it





You accepted the assignment, **w22wk01**. We're configuring your repository now. This may take a few minutes to complete. Refresh this page to see updates.

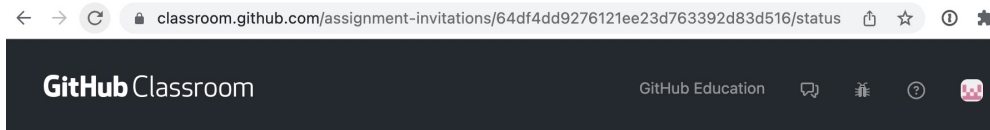


Join the GitHub Student Developer Pack

Verified students receive free GitHub Pro plus thousands of dollars worth of the best real-world tools and training from GitHub Education partners — for free. [Learn more](#)

[Apply](#)

5. If you see this screen, wait a minute, then refresh (or reload) the page



You're ready to go!

You accepted the assignment, **w22wk01**.

Your assignment repository has been created:

<https://github.com/sungsoo-ucsb-classrooms/w22wk01-sungsookim-2nd>



Join the GitHub Student Developer Pack

Verified students receive free GitHub Pro plus thousands of dollars worth of the best real-world tools and training from GitHub Education partners — for free. [Learn more](#)

[Apply](#)

Awesome!!!

You now have your own github repository for homework 1.

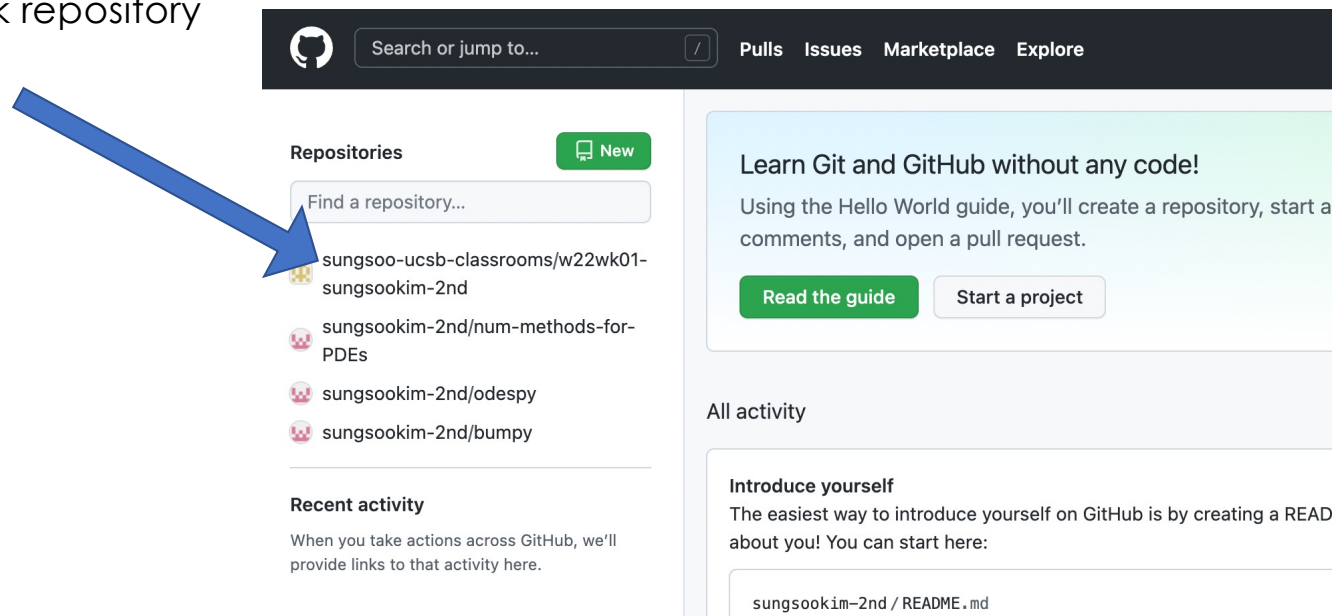
You need this link.

This is the link to your repository.

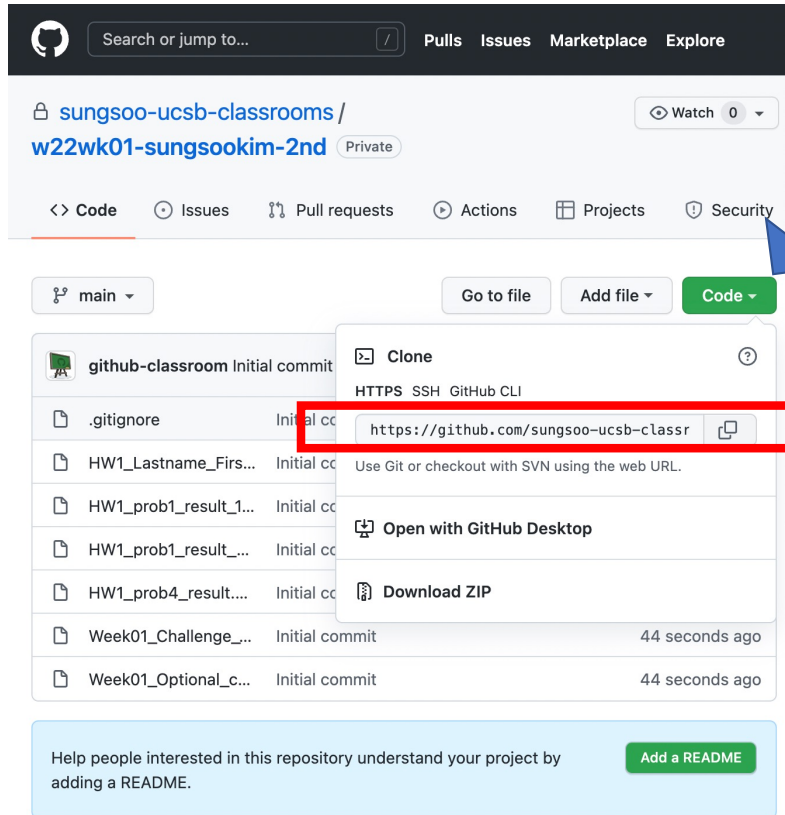
In case you lose the link, you can find it in your GitHub account.

- Log in to your GitHub
- Then you can find your homework repository on the left side, in the list of all repositories.

Click your homework repository



The screenshot shows the GitHub web interface. At the top is a dark navigation bar with the GitHub logo, a search bar labeled "Search or jump to...", and links for "Pulls", "Issues", "Marketplace", and "Explore". Below the navigation bar, the left sidebar is titled "Repositories" and contains a "Find a repository..." search box. A blue arrow points from the text "Click your homework repository" to the repository entry "sungsoo-ucsb-classrooms/w22wk01-sungsookim-2nd". Below this are other repositories: "sungsookim-2nd/num-methods-for-PDEs", "sungsookim-2nd/odespy", and "sungsookim-2nd/bumpy". The main content area on the right has a light blue header with the text "Learn Git and GitHub without any code!" and instructions to use the Hello World guide. It includes two buttons: "Read the guide" and "Start a project". Below this is a section titled "All activity" with a sub-section "Introduce yourself" that says "The easiest way to introduce yourself on GitHub is by creating a README about you! You can start here:". At the bottom of the main area, a link "sungsookim-2nd / README.md" is visible.



Click the green "Code" button

This is your repository link.

4. Create a personal access token

For security reason, GitHub uses a method called a “personal access token”. It is basically a temporary password you need to use when you clone your repository from JupyterLab Terminal.

See <https://docs.github.com/en/authentication/keeping-your-account-and-data-secure/creating-a-personal-access-token>

Visit the above link and follow the instructions to obtain your token. **STEP 8 is critical** to access the homework repositories from the terminal. You must check the “repo” at the top. Use at least 90 days of expiration period to keep it valid until the end of the quarter.

Keep this token somewhere safe. You will use this in the JupyterLab terminal.

5. Downloading the first homework

Now, open the JupyterLab at mcd170.cs.ucsb.edu.

Open a terminal (File->New Launcher, then click Terminal)

Then run the following code

```
>> git clone https://address.to.your.repo
```

(This is the link to your homework repository from Step 3.)

You will be asked to enter your ID and password. Use your Github ID and the personal token.

```
>> cd TO_YOUR_HW_DIRECTORY
```

```
>> git pull
```

Now, your homework has been cloned and you should work on it. When you are ready to submit the homework, do the following.

```
>> git add .
```

```
>> git commit -m "some message"
```

```
>> git push
```

Use the same Github ID and the personal token if you are asked.

6. For later homework:

From week 2, an invitation link for each homework will be provided.

Click that link and accept the invitation

Then, open a terminal and clone the homework repository.

```
>> git clone https://address.to.your.repo  
>> cd TO_YOUR_HW_DIRECTORY  
>> git pull
```

When you are ready to submit the homework, do the following.

```
>> git add .  
>> git commit -m "some message"  
>> git push
```