Get Your GitHub Classroom Repo

Stat 133, Fall 2018

This document contains the instructions to get your own GitHub Classroom repository. This is the repo that you will use to submit your HW assignments.

GitHub Classroom

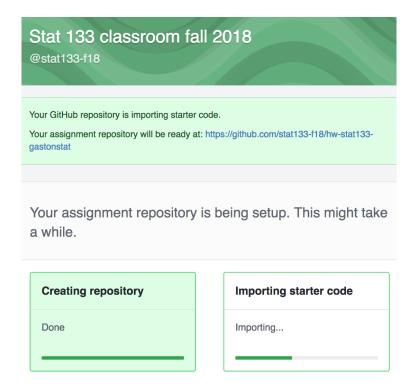
- 1) Sign-in to your github account.
- 2) Use the following invitation link to get your GitHub Classroom repository

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

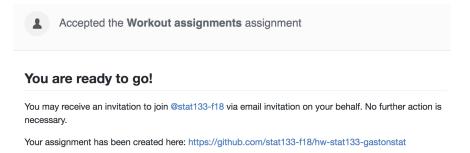
3) You should get redirected to https://classroom.github.com, more specifically, to the "Stat 133 classroom fall 2018" organization. Here, you will see a message "Accept the Workout assignments" assignment.



4) After clicking on the **Accept this assignment** button, you should be able to see a new message indicating that your assignment repository is being setup: this involves 1) creating the repository, and 2) importing starter code.



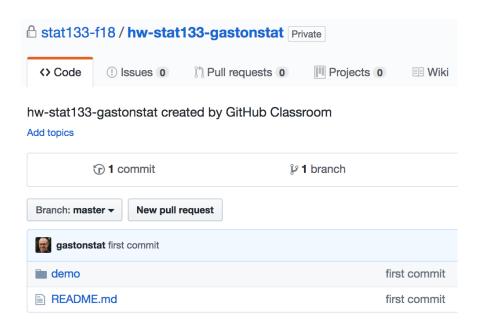
5) When the setup is finished, you should see the message You are ready to go!



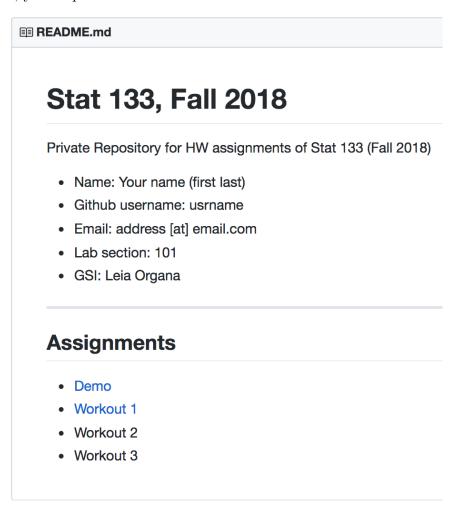
6) At this moment, you will receive an email with an invitation to join @stat133-f18. In theory, there is no need to accept the invitation since your repository has already been created.

Your Private GitHub Classroom Repository

What you need to do next is to click on the assignment link created for your github account. You should be able to see your new repository



As you can tell, your repo contains a README.md file with some default content:



Edit the README.md file

Click on the README.md file, and then look for the icon of a pencil so that you can edit the contents of the file.

Customize the information about Name, Github username, your Email address (the one linked to your github account), the Lab section you are registered in, and the name of your GSI

Look for the button **Commit changes** so you can "save" the modifications done to the README.md file.

Your Local Repo and the Remote Repo

So far you have your GitHub Classroom repository. This repository will be your *remote* repository. However, you also need to to create a *local* repository in your computer.

- Open a bash terminal
- Optional: change directory to your preferred location e.g. your Desktop
- Create a directory, and cd to it:

mkdir hw-stat133 cd hw-stat133

• Initialize the directory as a Git repository

git init

• Locate the name of your github repo (with your own username!!)

https://github.com/stat133-f18/hw-stat133-gastonstat

• To add a remote repository use the command below with **your own username**:

git remote add origin https://github.com/stat133-f18/hw-stat133-gastonstat

• Pull down the content in the remote repo (origin) to your local repo (master)

git pull origin master

Pushing changes to the remote repo

Now that you have linked your local repo with your remote repo, you can start pushing (i.e. uploading) commits to GitHub. Try the following modifications.

In your computer (your local repo), use a text editor (e.g. the editor in RStudio) to open the README.md file that is inside the demo/ folder. Under the title **Demo**, you should be able to see a first line of text:

This is just a demo folder with some dummy content.

Delete the starting paragraph and replace it with the text below (or any other text that you want to add):

This is just a demo folder for testing purposes.

Now follow these steps:

- Save the changes made in README.md.
- Go to the your bash terminal.
- Change directory to the demo/ folder:

cd demo

• Check the status

git status

• Add the changes to git:

git add README.md

• Commit the changes with a descriptive message:

```
git commit -m "demo: update readme file"
cd ..
```

• Push the changes to the remote repo (origin) from your local repo (master)

```
git push origin master
```

Go to your Github repository and refresh the browser. If everything went fine, you should be able to see the contents of the README.md file inside demo/.

Push your Warm-up 1 assignment

Let's add your warmup1 .Rmd file, and its knitted file, to your local repo, and then push the modifications to your remote repo.

- Copy the .Rmd file of the first warm-up assignment and save it inside the folder warmup1/ (of your local repo).
- Open the .Rmd file and modify the output field of the yaml header: instead of using output: html_document, change it to: output: github_document.
- Knit the .Rmd file. This should generate an .md file.
- Go to the bash terminal and check the status

git status

• Add the changes:

git add warmup1/.

• Check the status again:

git status

• Commit and push the changes:

```
git commit -m "warmup1: add Rmd and md files"
git push origin master
```

• Go to your Github repository and refresh the browser.