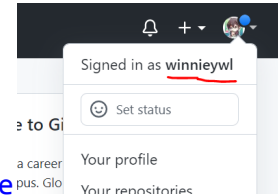# Initial Git set up: You only need to do this once

git config --global user.name your_github_username
git config --global user.email your_github_email

Connecting to a Repository (only need to do this once)

1. **In your shell/terminal, change into the folder you want to save the repository folder.**

   cd "C:\Users\winni\OneDrive\git"

2. **Clone the class repository**

   git clone https://github.com/winnieywl/techsquad

This step will create a folder under C:\Users\winni\OneDrive\git, with the name of the repository as its name, techsquad.

This step also downloads ALL content posted in the github repository, techsquad, to the folder, techsquad under C:\Users\winni\OneDrive\git

Creating a branch (only need to do this once)

1. **In your shell/terminal, type:**

   git checkout -b firstname_lastname

A branch is your copy of the main repository on github. You can modify this branch you created all you'd like - it will not be reflected on the main repository, techsquad

Updating the content you downloaded from github

Professor Colman may make changes to his course materials. To make sure you have the latest version of the course content, do the following in your shell/terminal:

1. **In your shell/terminal, change into the repository folder on your pc. Hit enter.**

   cd "C:\Users\winni\OneDrive\git\techsquad"

2. **Then type:**

   git pull

Submitting an Assignment

Let's say, you are asked to submit your Stata script in a folder he created called "midterm"

1. **In your shell/terminal, change into the repository folder on your pc. Hit enter.**

   cd "C:\Users\winni\OneDrive\git\techsquad"

2. **Pull the repository, so the new folder "midterm" he created updated at your end too.**

   git pull

3. **Check the repository folder and see that midterm is there.**

4. **Copy and paste the latest version of your work in midterm, give it a unique name like "Winnie_Liu_385_midterm"!**

5. **In your shell/terminal, change into the midterm on your pc. Hit enter.**

   cd "C:\Users\winni\OneDrive\git\techsquad\midterm"

6. **Move into your own branch, assuming you already created one.**

   git checkout firstname_lastname

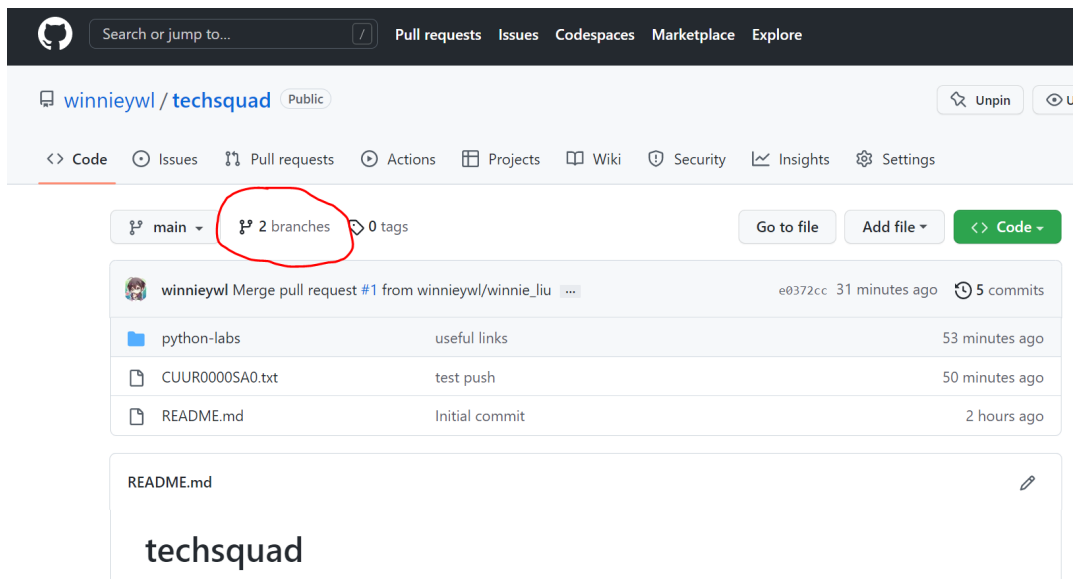**7. Update your branch to be ready for commit**

```
git add *
```

8. Committing changes

```
git commit -m "You must put a comment here, like Winnie Liu Midterm"
```

9. Push your branch on to github

```
git push
```

10. Merge your branch to the main branch. Go to the course repository, click branches

11. Choose your own branch (Inside your branch, under the folder midterm, you should see your work)

winnieywl / **techsquad** Public

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Search branches...

Overview   Yours   Active   Stale   All branches   New branch

Default branch

main   Updated 37 minutes ago by winnieywl   Default

Your branches

winnie_liu   Updated 2 minutes ago by winnieywl   1 | 1   New pull request

revert-1-winnie_liu   Updated 3 minutes ago by winnieywl   0 | 1   #2 Closed

Active branches

winnie_liu   Updated 2 minutes ago by winnieywl   1 | 1   New pull request

revert-1-winnie_liu   Updated 3 minutes ago by winnieywl   0 | 1   #2 Closed

12. Choose "New Pull Request"

13. Choose "Create Pull Request"

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also compare across forks.

base: main   ←   compare: winnie_liu   ✓ **Able to merge.** These branches can be automatically merged.

Winnie Liu Midterm

Write   Preview   H B I ≣ <> 🔗 ≔ ≔ ☑ @ ↗ ↩

Winnie Liu Midterm

Attach files by dragging & dropping, selecting or pasting them.

Create pull request

ⓘ Remember, contributions to this repository should follow our GitHub Community Guidelines.