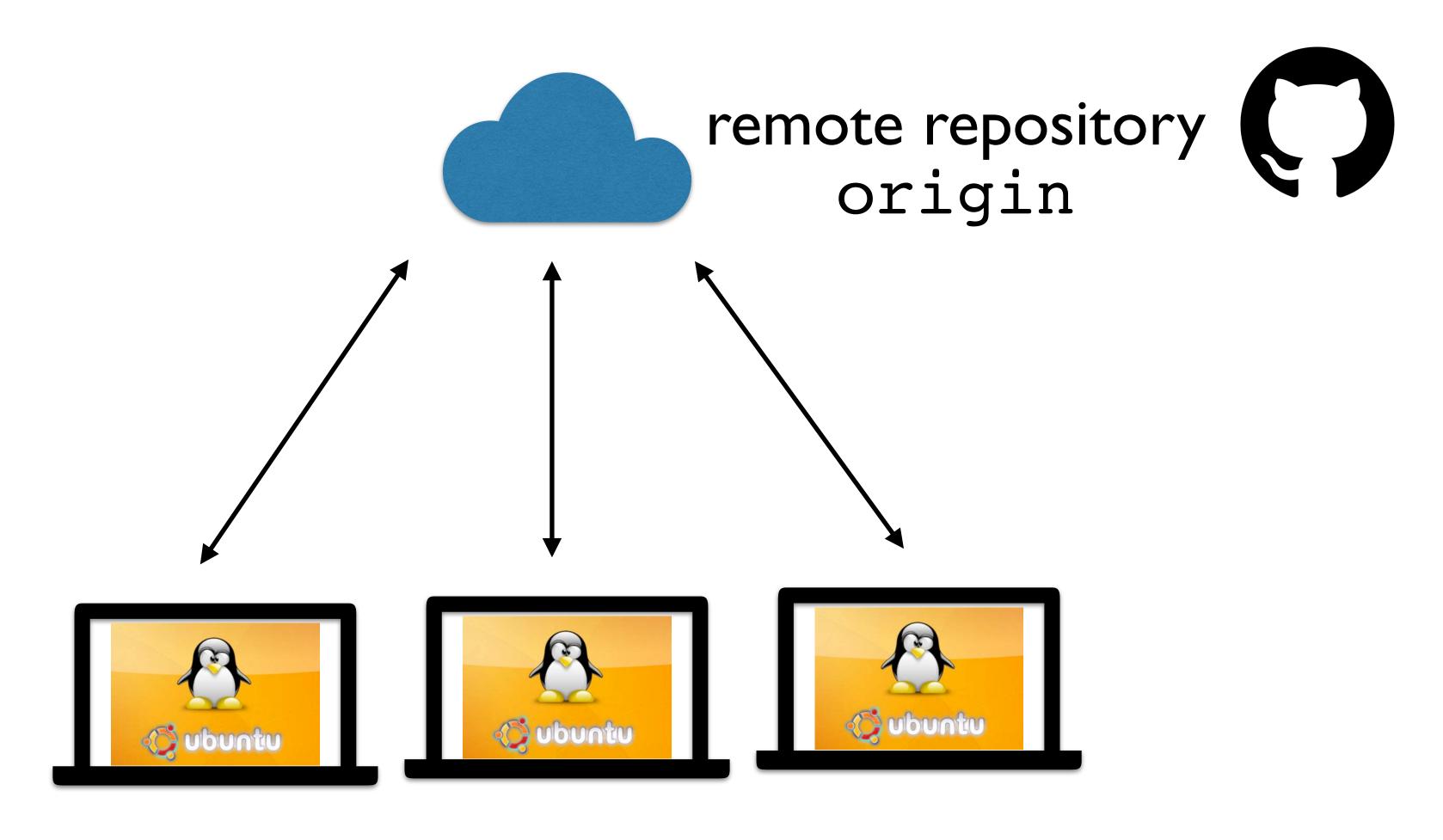
Web Programming **Git**

Git version control

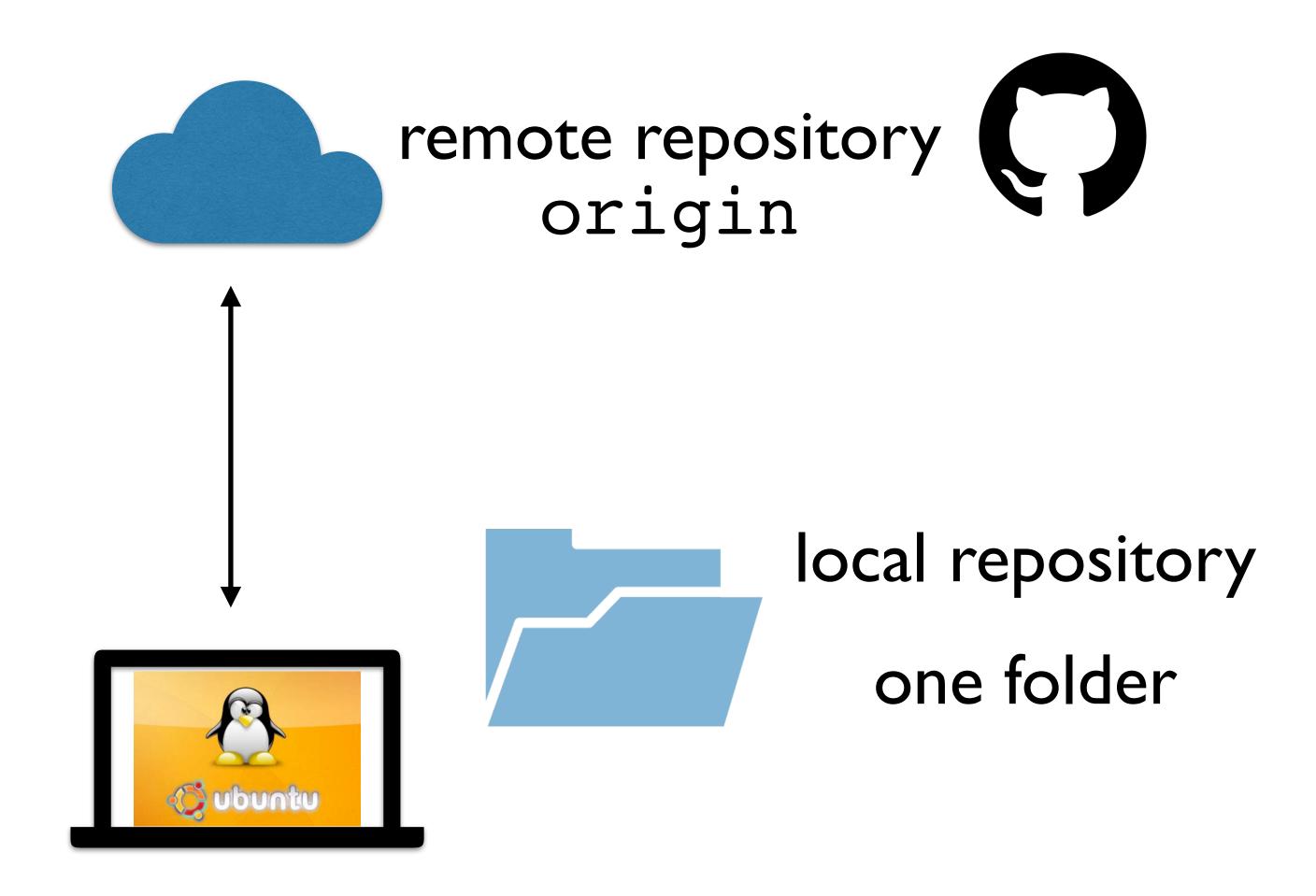
- Collaborate on code
- Share changes
- Track changes
- Easy revert
- Easy to compare versions

Git setup



local repository

Git setup



Git workflow

Need command line inside repository folder!

```
git pull
```

- Get changes from remote (origin) to local version

```
git add <filename>
```

- Add new files to local version

```
git commit -a -m"message"
```

- Mark new version locally

```
git push
```

- Add changes to remote

Git workflow

Need command line inside repository folder!

```
git pull
```

- Get changes from remote (origin) to local version

```
git add <filename>
```

- Add new files to local version

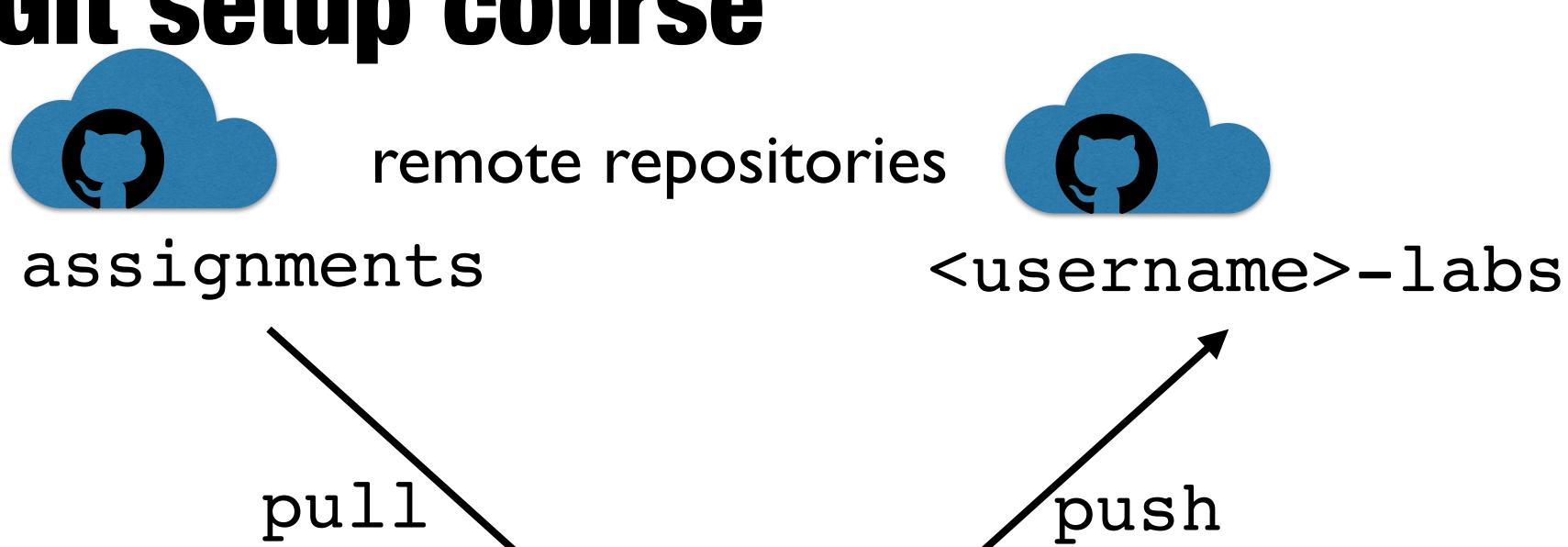
```
git commit -a -m"message"
```

- Mark new version locally

```
git push
```

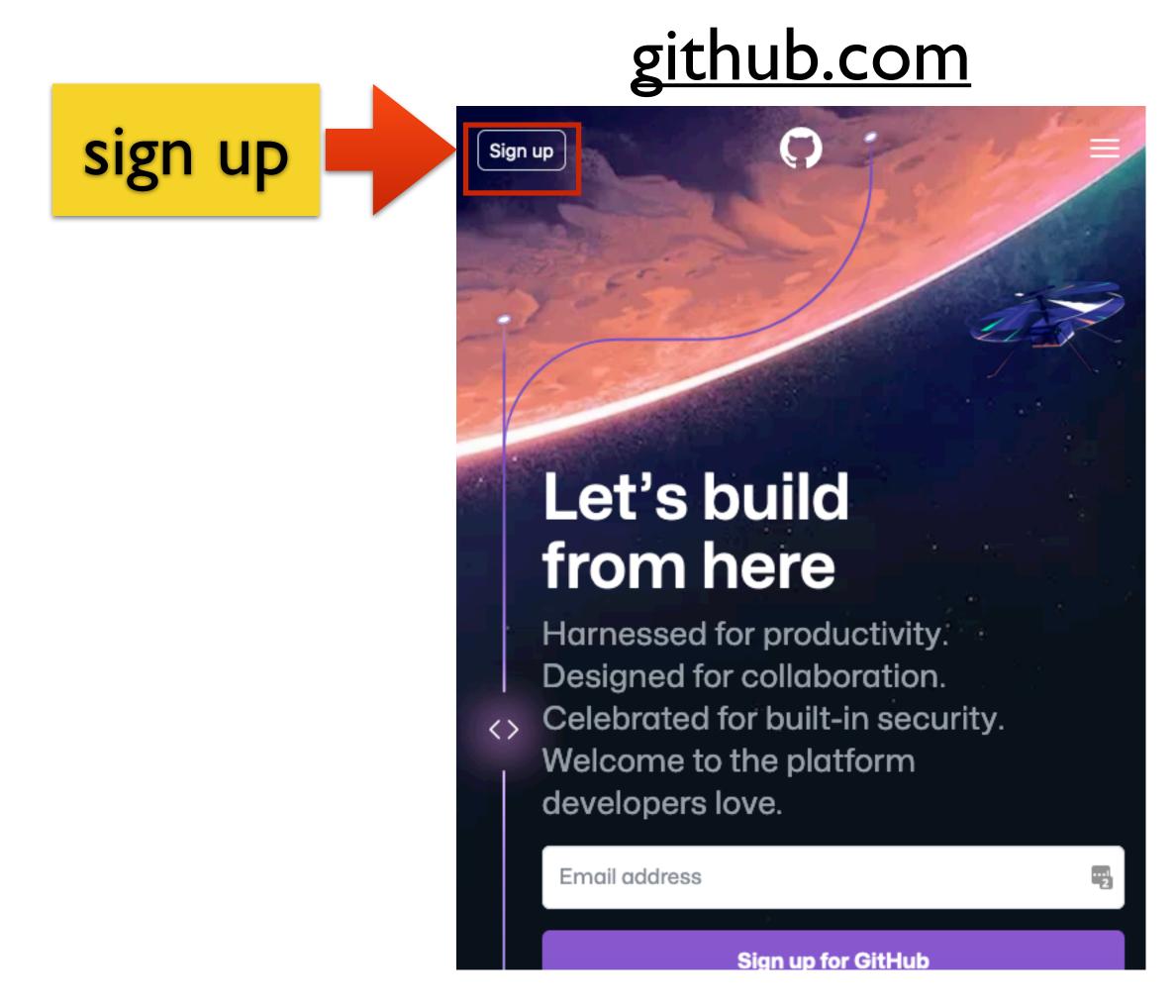
- Add changes to remote

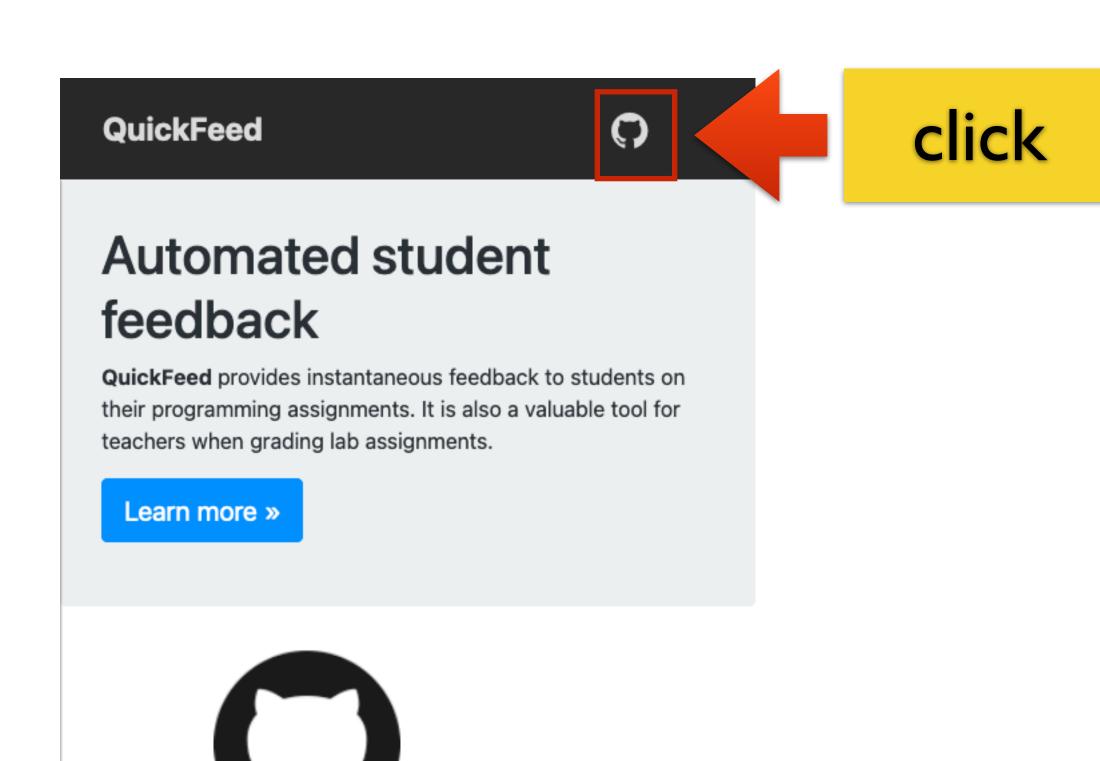
Git setup course



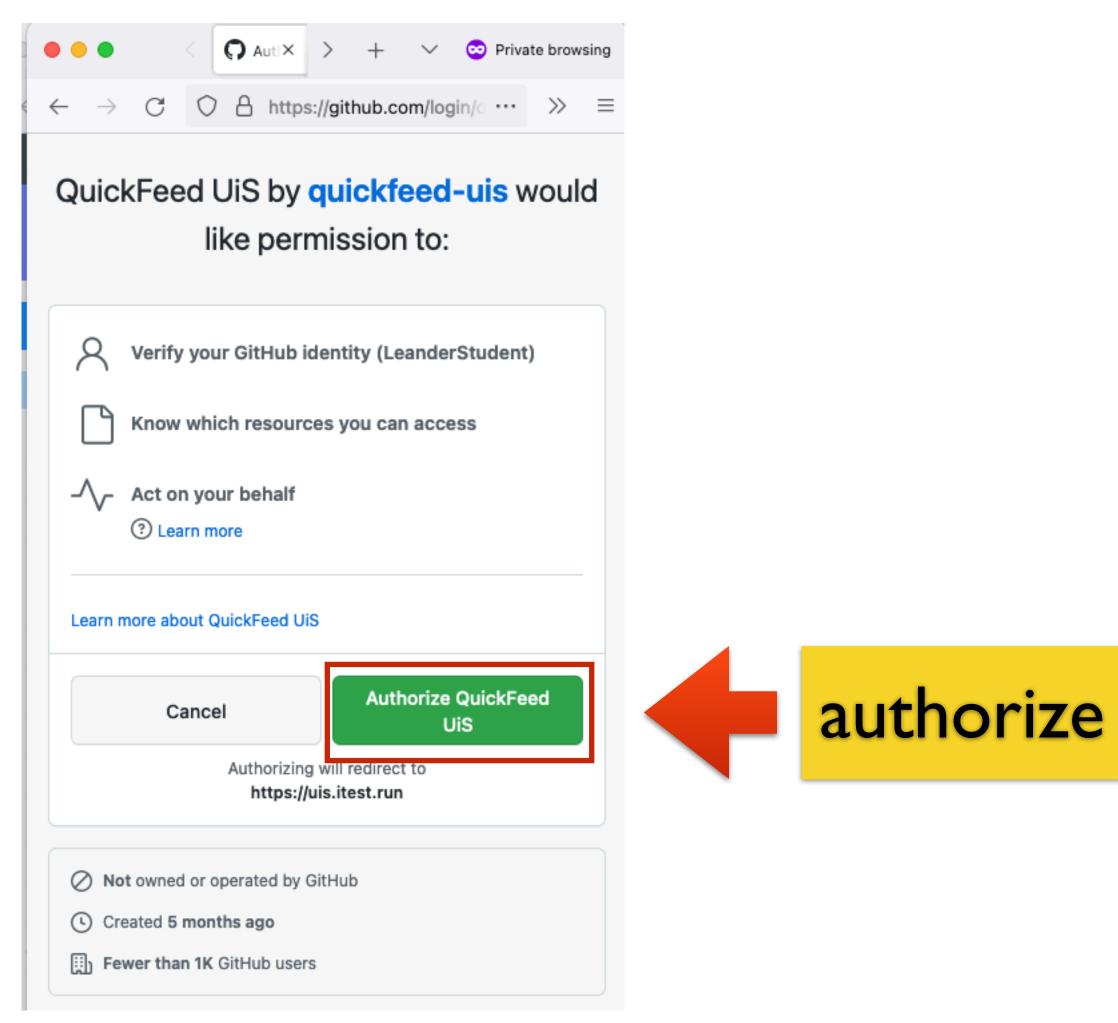


local repository one folder



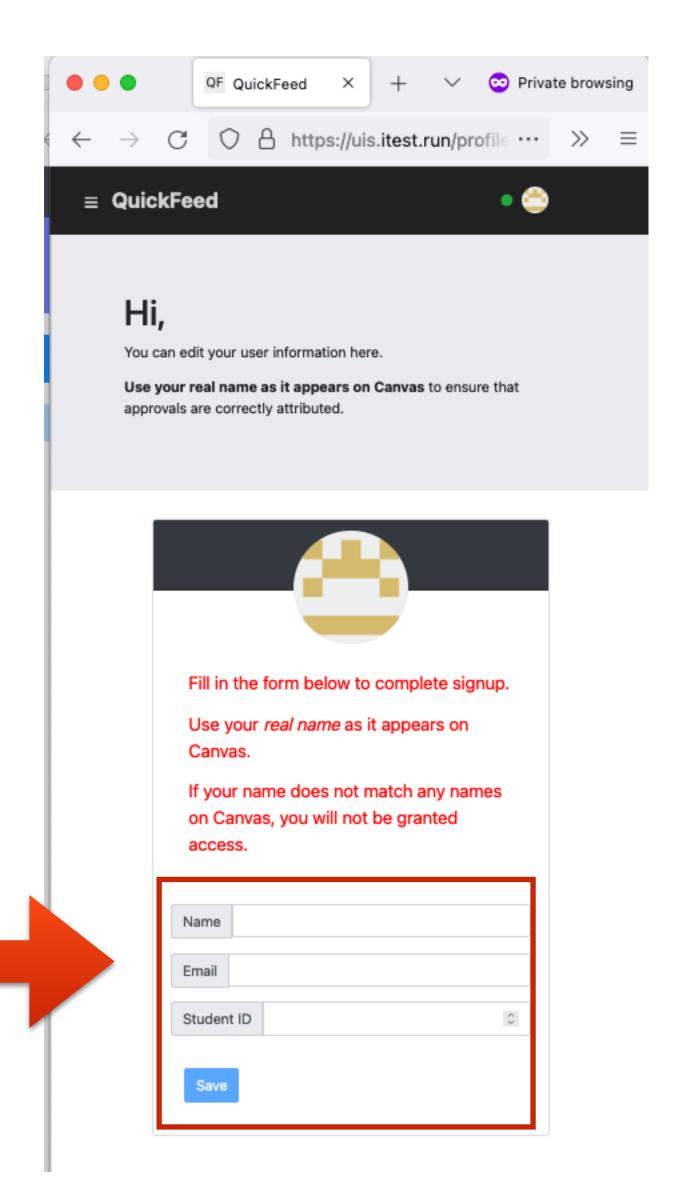


GitHub Integration

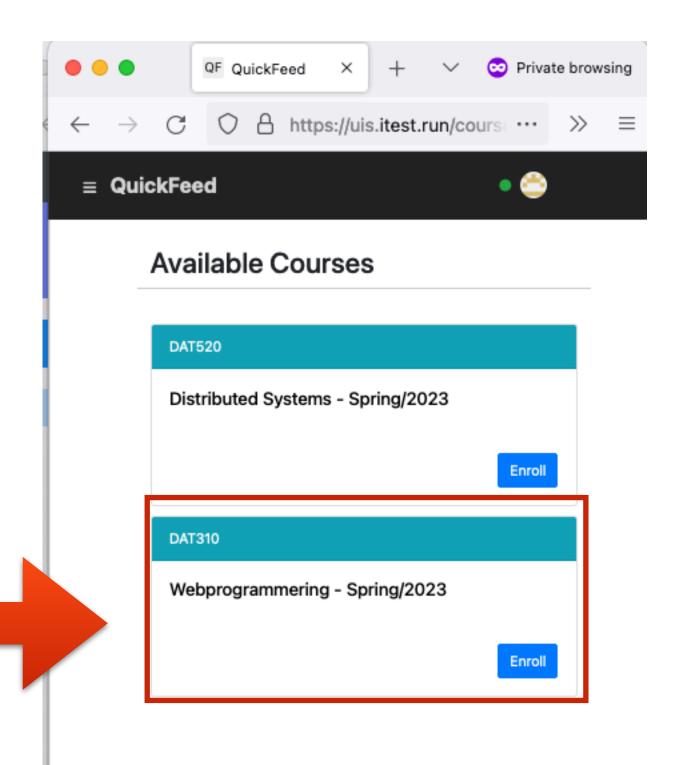




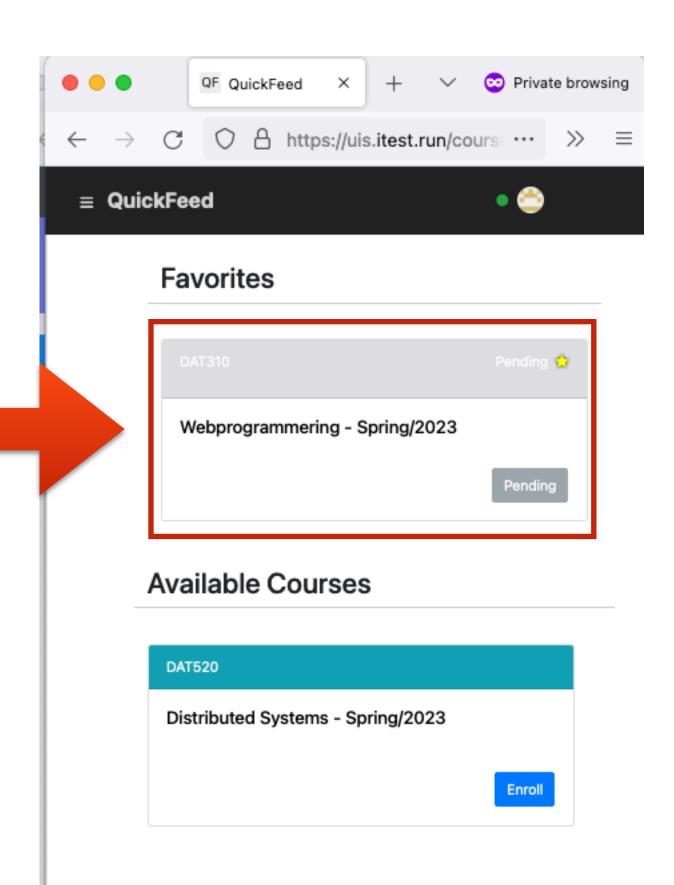
sign in to quickfeed use name as on canvas



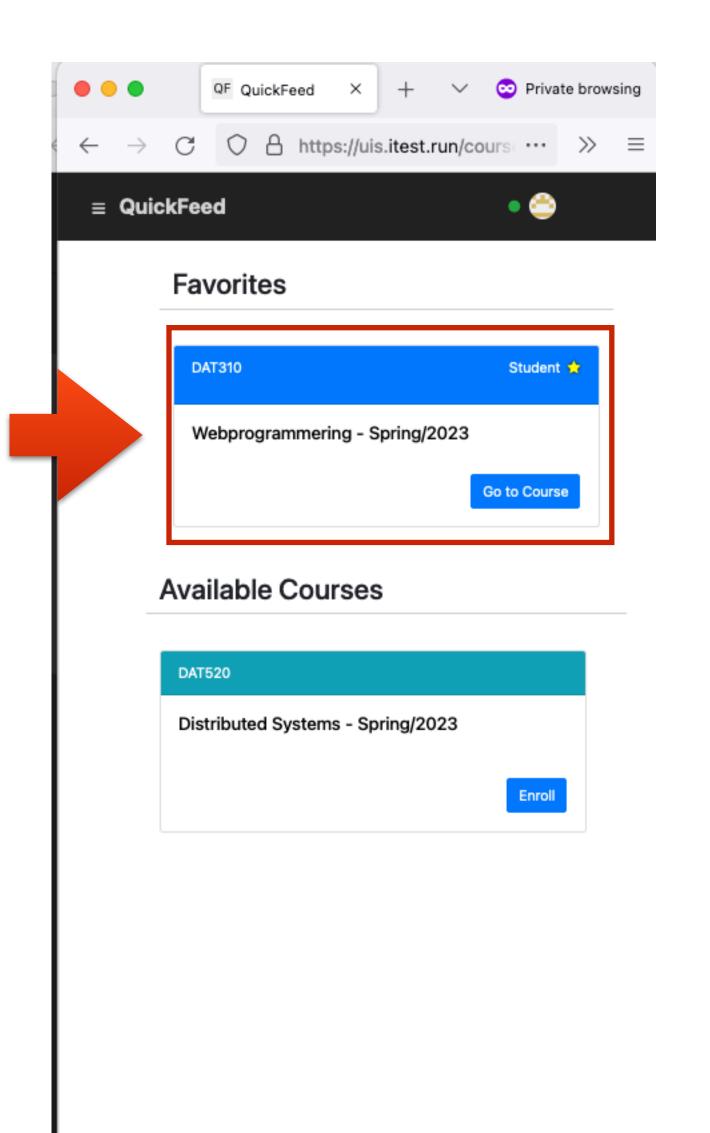
enrole DAT310

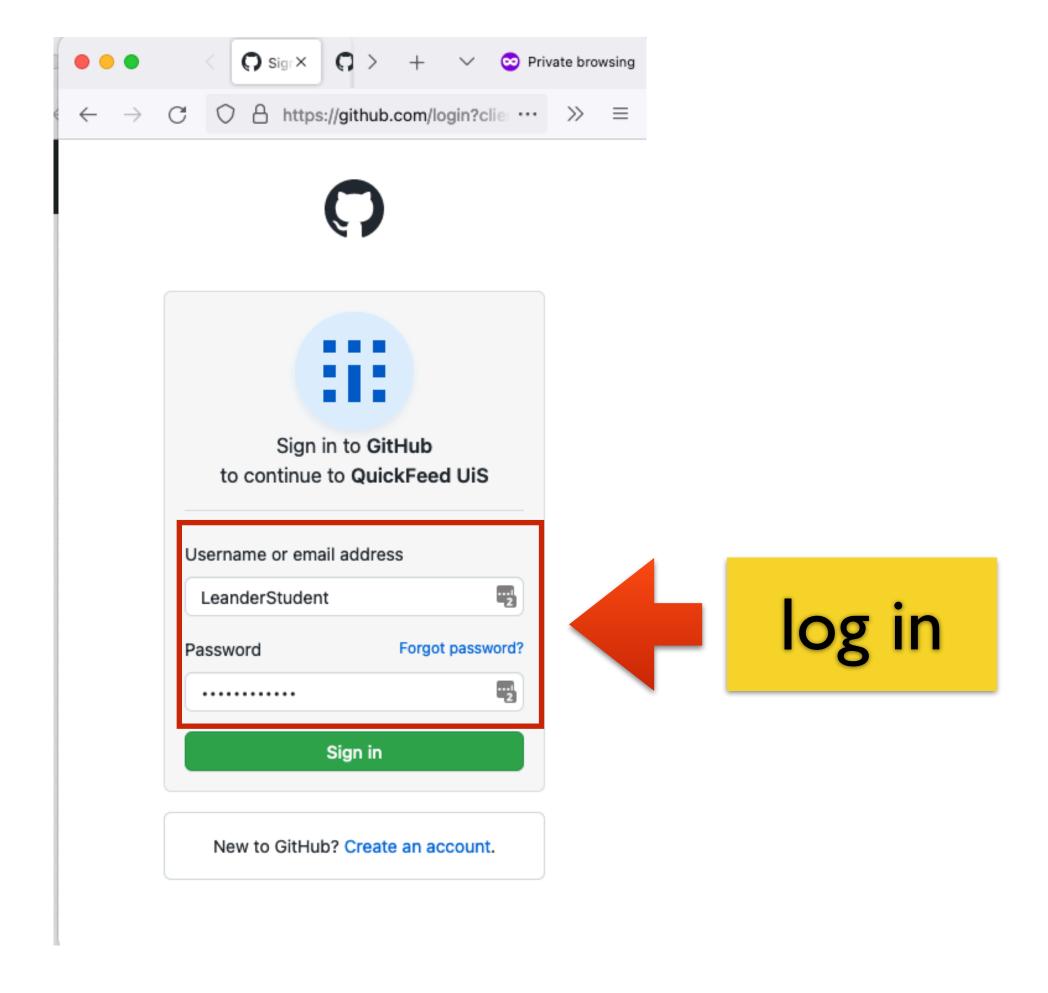


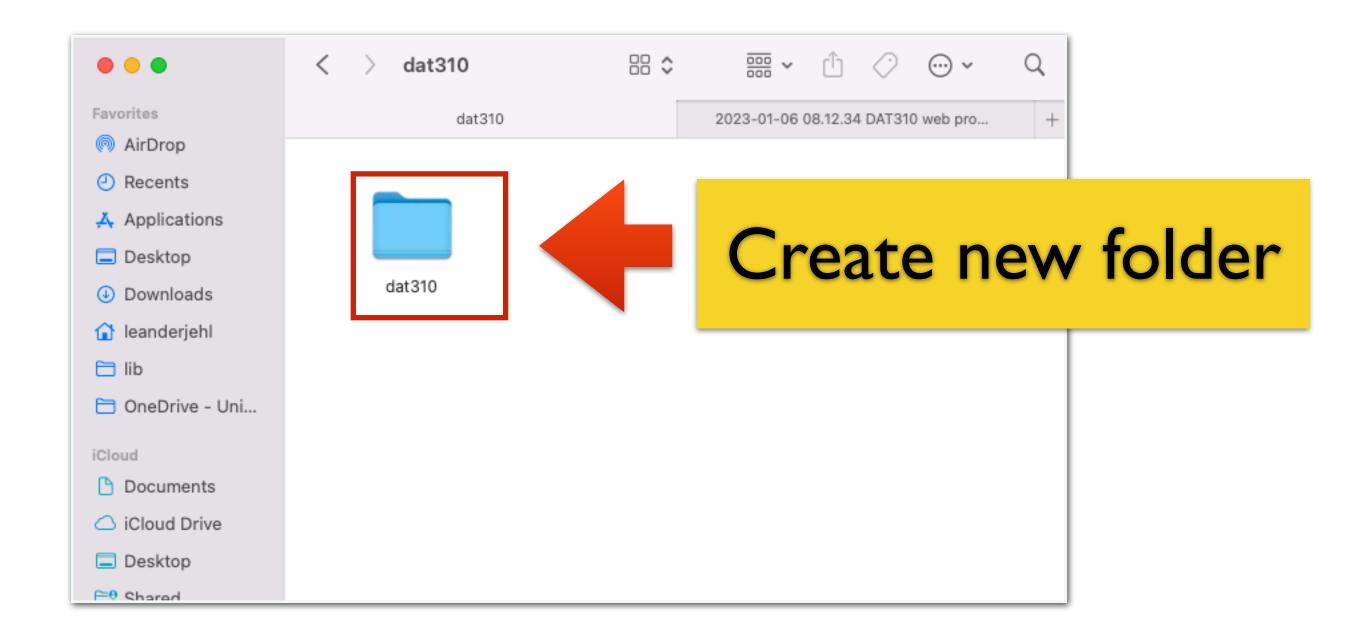
wait (manual approval)



Approved

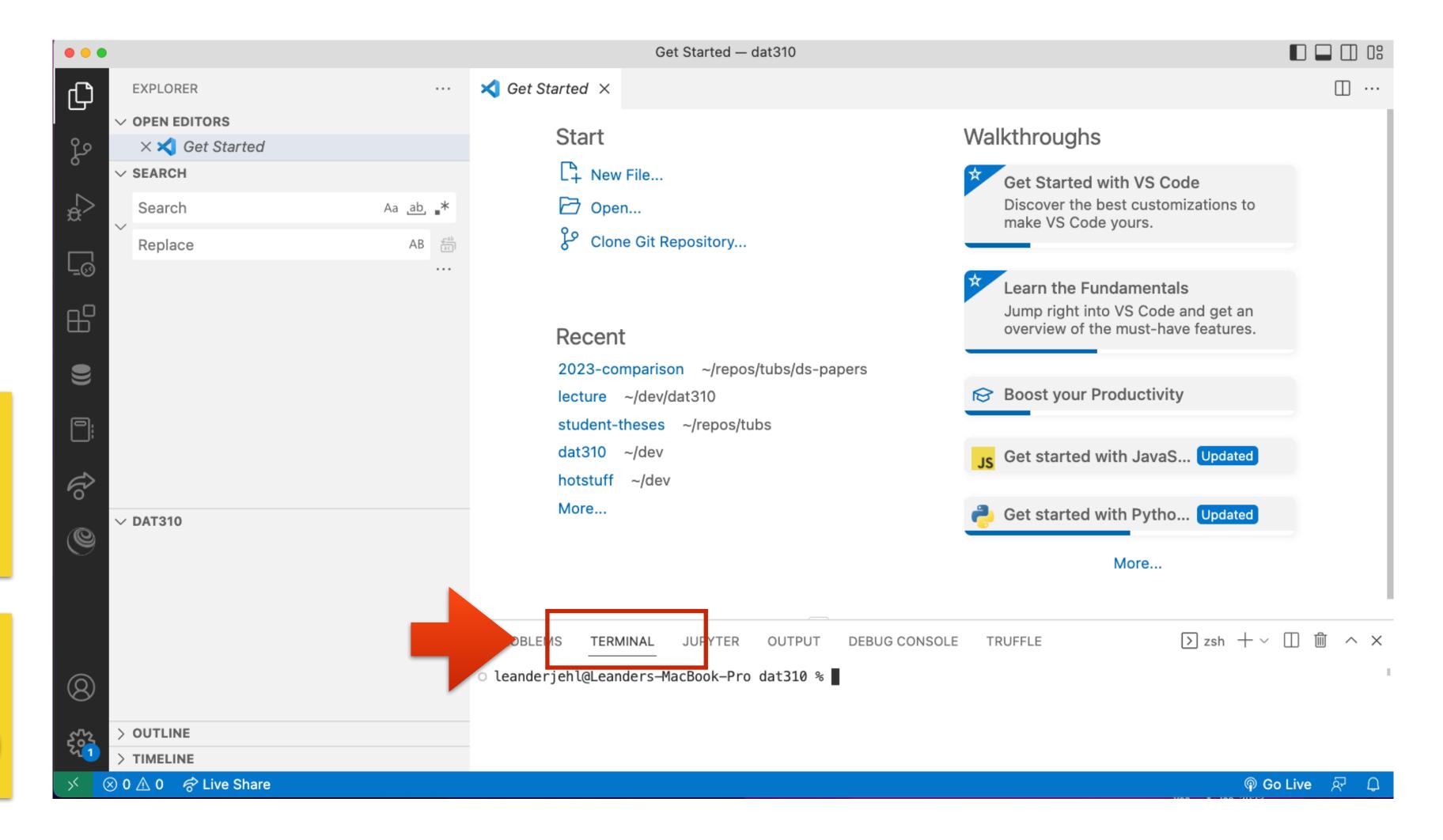






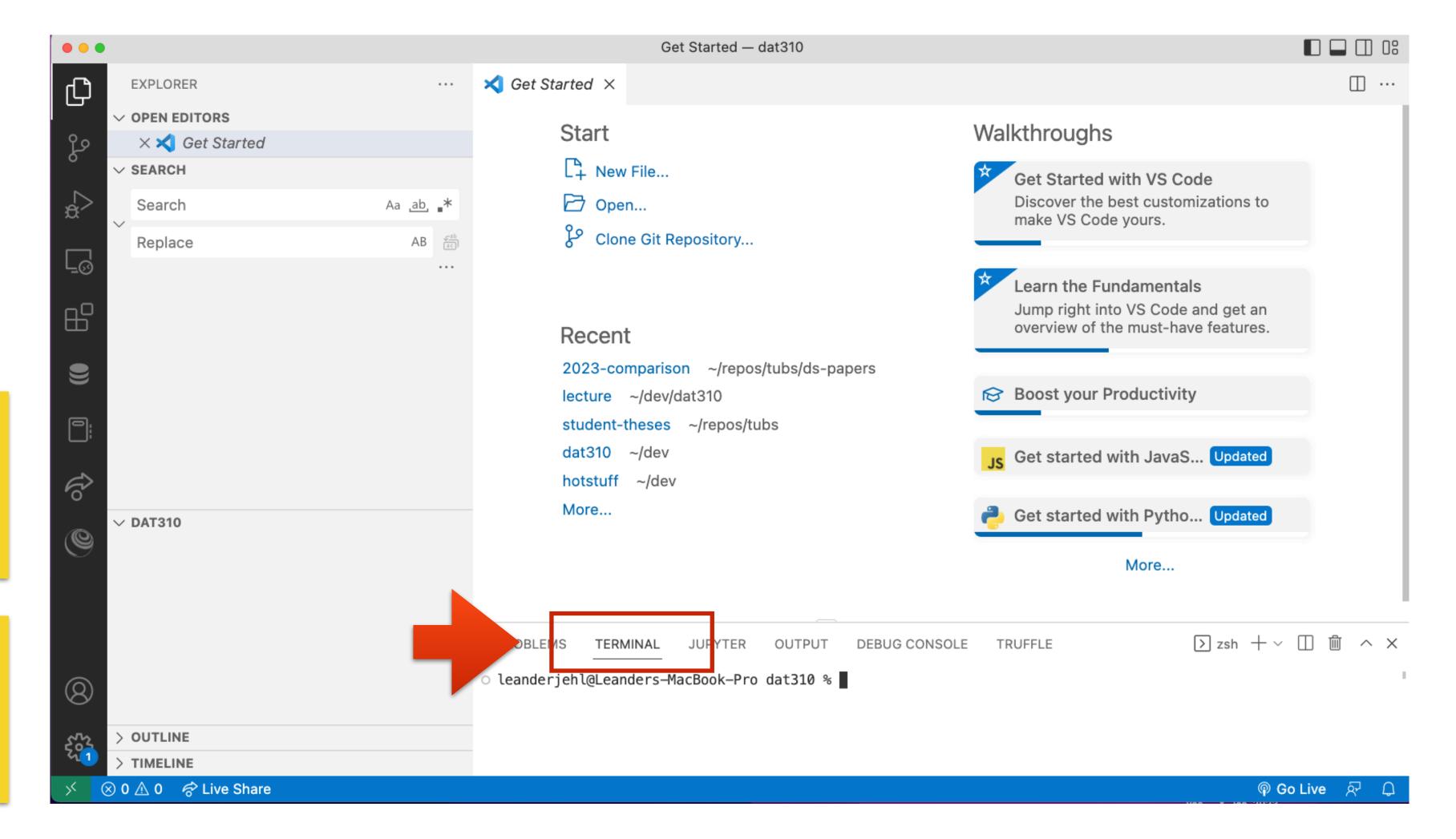
Open terminal

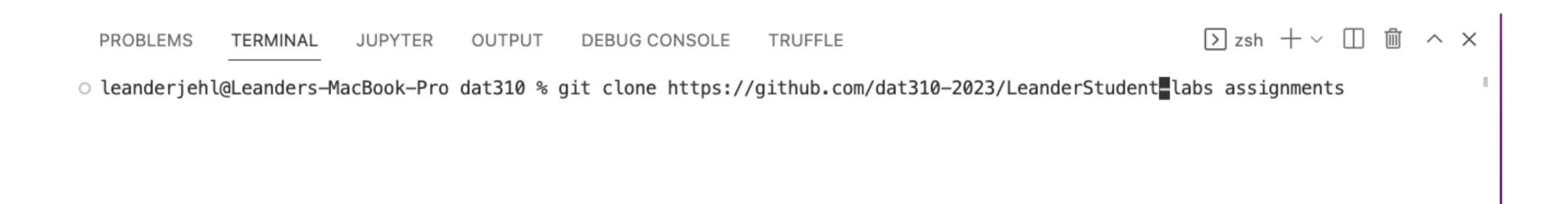
(move into folder using cd dat310)



Open terminal

(move into folder using cd dat310)





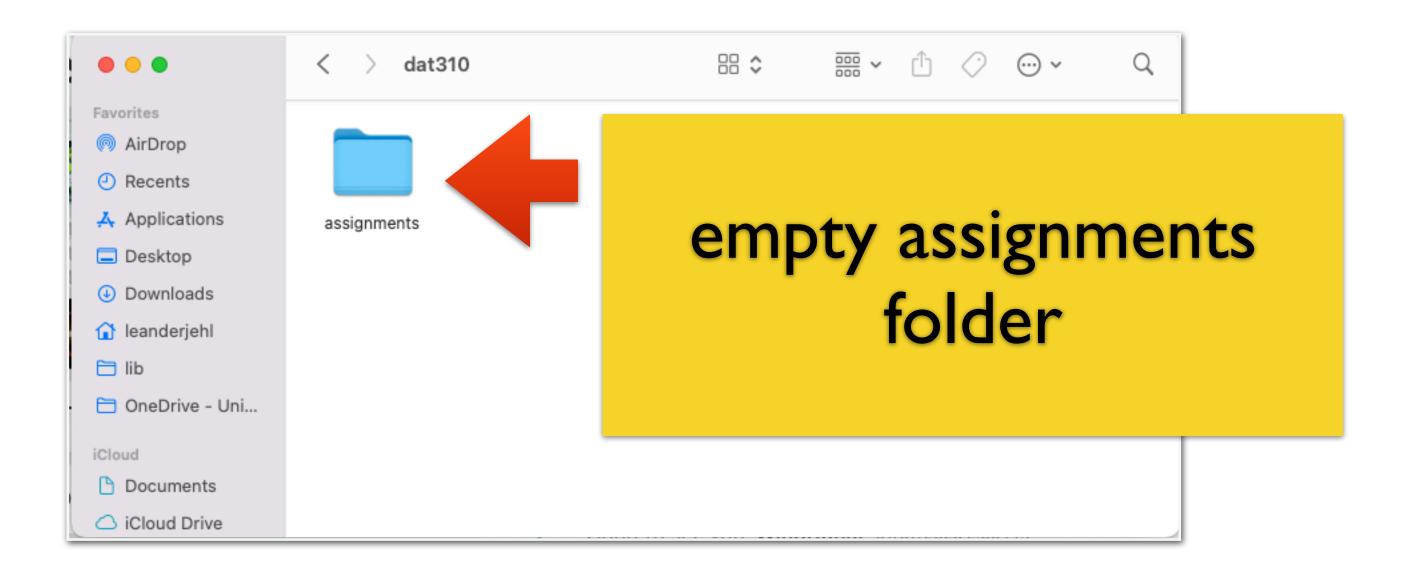
git clone https://github.com/dat310-2023/<username>-labs assignments

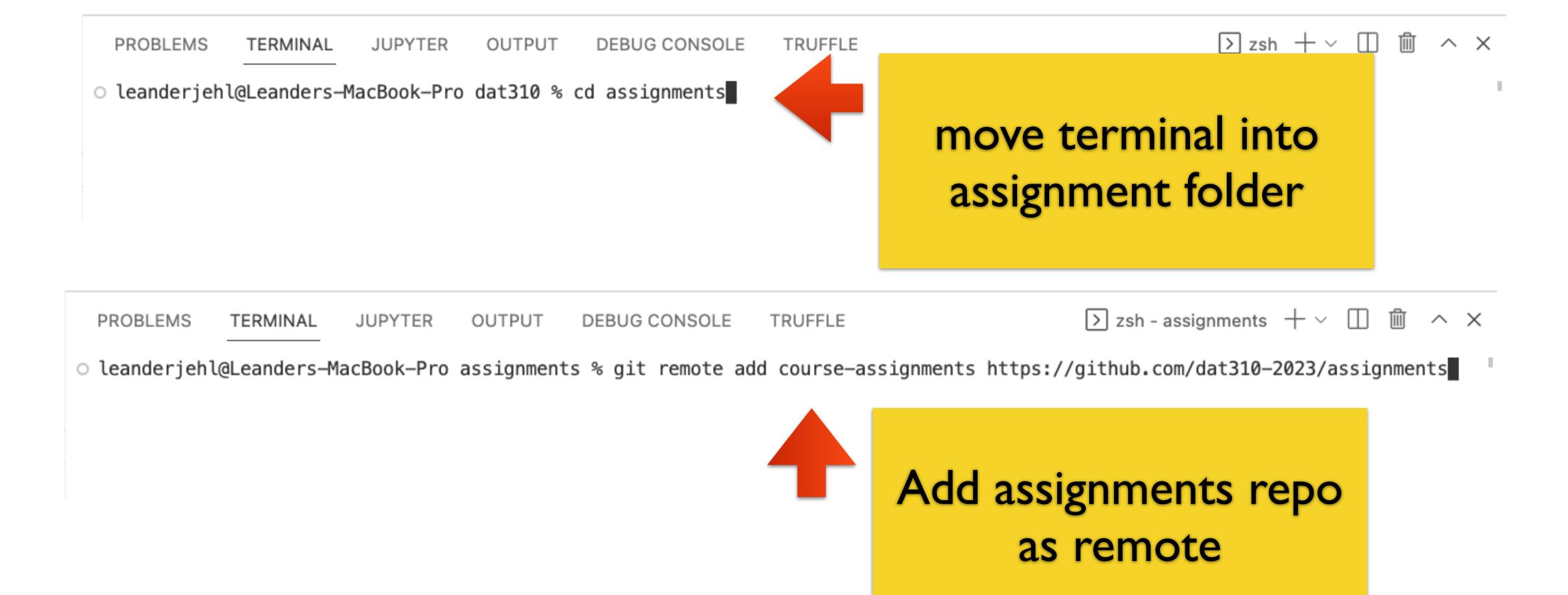
PROBLEMS TERMINAL JUPYTER OUTPUT DEBUG CONSOLE TRUFFLE

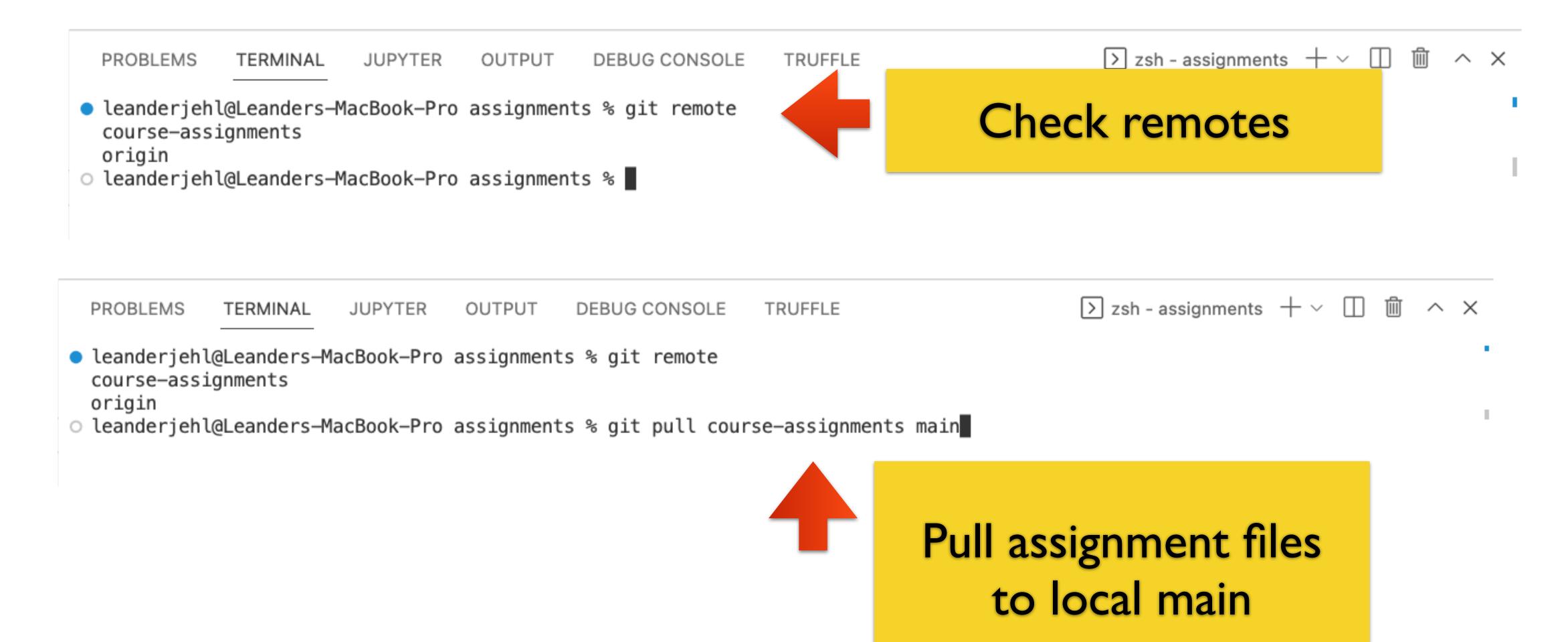
leanderjehl@Leanders-MacBook-Pro dat310 % git clone https://github.com/dat310-2023/LeanderStudent-labs assignments
Cloning into 'assignments'...

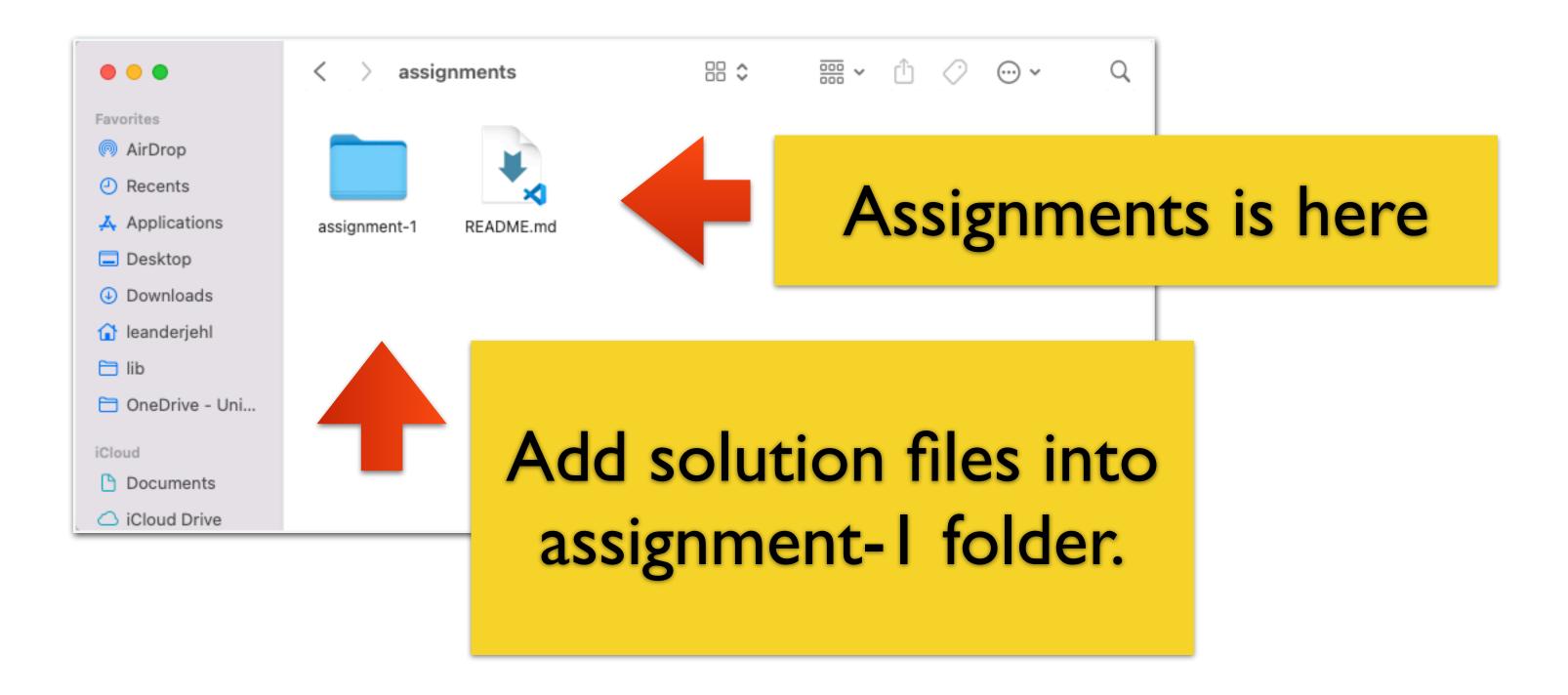
∑ zsh + ∨ □ □ □ ^ ×

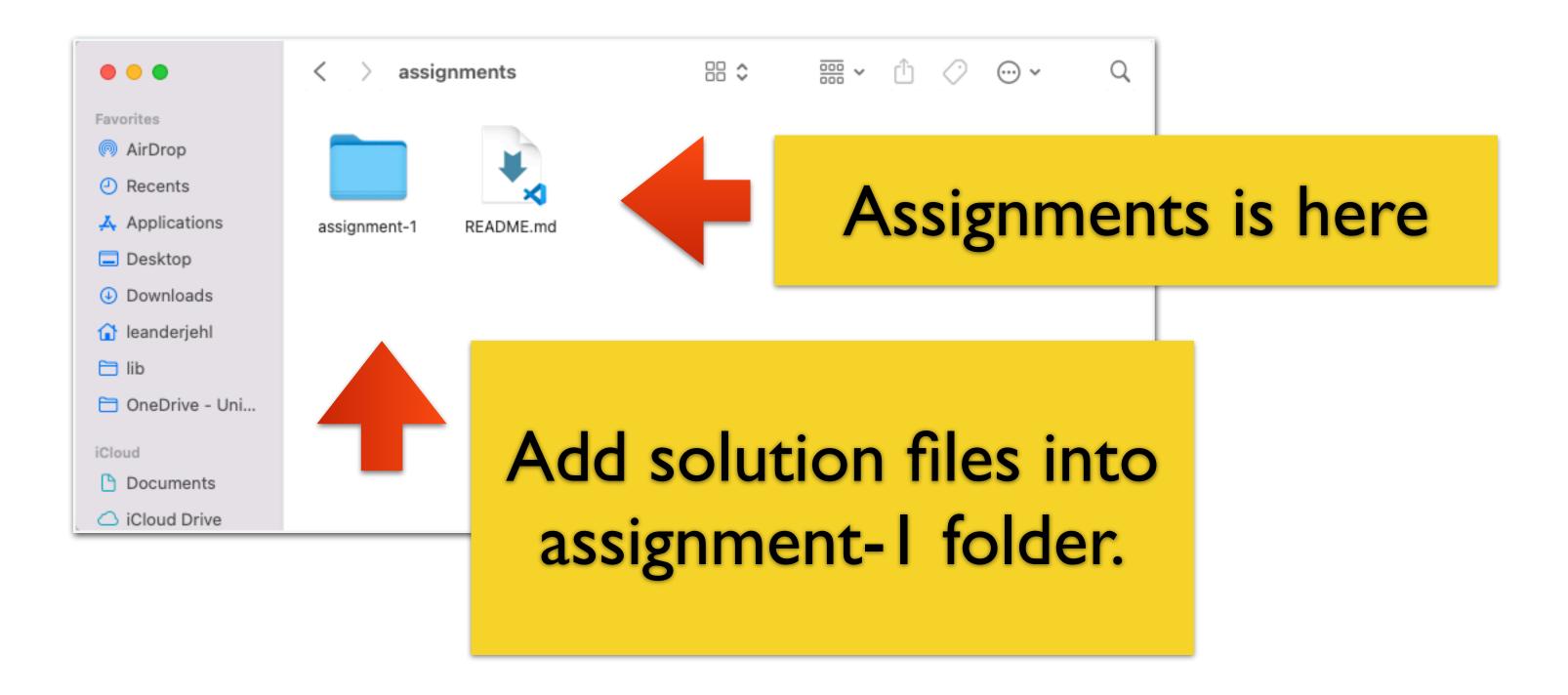
- warning: You appear to have cloned an empty repository.
- o leanderjehl@Leanders-MacBook-Pro dat310 %

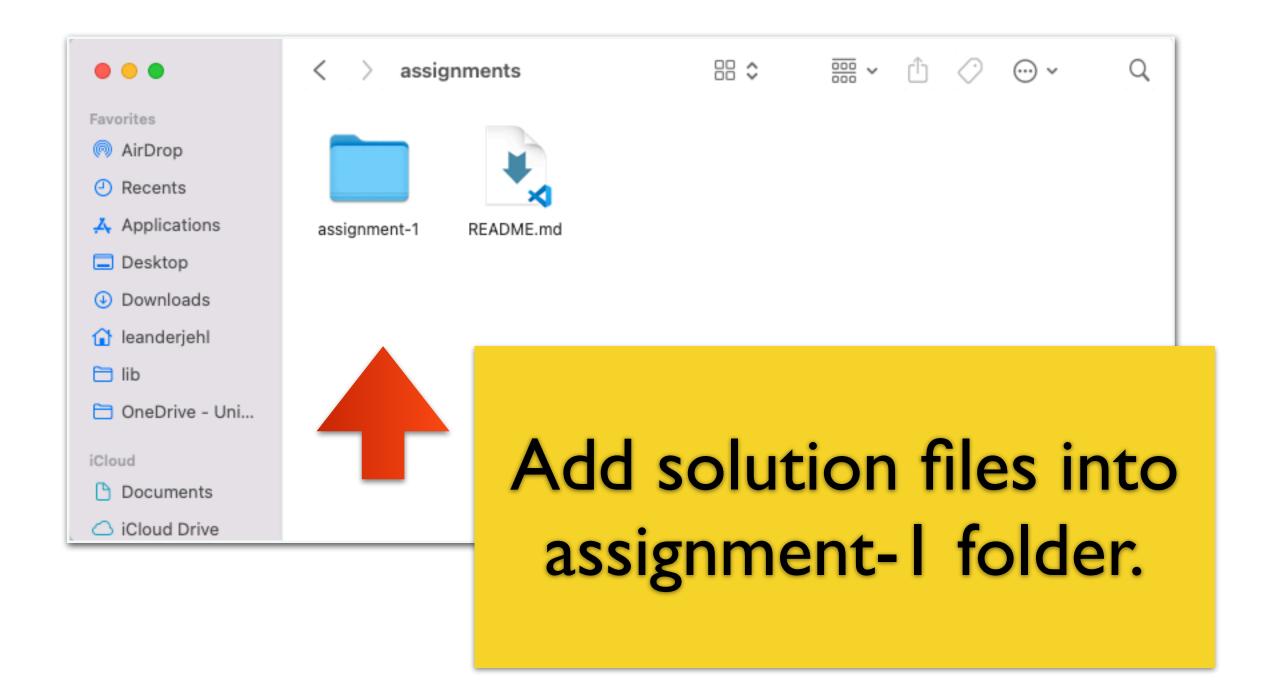












PROBLEMS 2

TERMINAL

JUPYTER

OUTPUT

DEBUG CONSOLE

TRUFFLE

> zsh - assignments + ∨ □ · · · ×



X





leanderjehl@Leanders-MacBook-Pro assignments % git add assignment-1



Add solution files from assignment-I folder to git

PROBLEMS 2



TERMINAL

JUPYTER

OUTPUT

DEBUG CONSOLE

TRUFFLE

- leanderjehl@Leanders-MacBook-Pro assignments % git add assignment-1
- leanderjehl@Leanders-MacBook-Pro assignments % git status On branch main

Your branch is based on 'origin/main', but the upstream is gone. (use "git branch --unset-upstream" to fixup)

Changes to be committed:

(use "git restore --staged <file>..." to unstage) new file: assignment-1/table.html

o leanderjehl@Leanders-MacBook-Pro assignments %

Check using git status

> zsh - assignments + ∨ □ · □ PROBLEMS 2 **TERMINAL JUPYTER** OUTPUT **DEBUG CONSOLE** TRUFFLE leanderjehl@Leanders-MacBook-Pro assignments % git commit -m"assignment1 done" [main c3c2cb7] assignment1 done 1 file changed, 12 insertions(+) create mode 100644 assignment-1/table.html O leanderjehl@Leanders-MacBook-Pro assignments %

Create commit with message

PROBLEMS 2



TERMINAL

JUPYTER

OUTPUT

DEBUG CONSOLE

TRUFFLE

> zsh - assignments + ∨ □ · · ×





leanderjehl@Leanders-MacBook-Pro assignments % git push



Push to you labs repo

