Introduction to the Data Science Immersive (DSI)

Overview

- Bird's Eye
  - Your Instructors!
  - Daily Schedule
  - 12 Week Schedule
- Details
  - Assignments & Assessments
  - Attendance
- Github Intro with Jancsy

Your instructors!

- Tammy Lee – tammy@galvanize.com
- Michael Jancsy – michael.jancsy@galvanize.com
- Jeferson Bisconde – jeferson.bisconde@galvanize.com
- Natalie Hunt – natalie.hunt@galvanize.com
- Zein Tawil – zein.tawil@galvanize.com
- Trenton Osborn – os.trenton@gmail.com

You can reach us via slack

Daily Schedule

On most days

9:30 am:	Mini-quiz
10:00 am:	Lecture
11:00 am:	Morning Sprint (individual)
1:00 pm:	Lunch
2:15 pm:	Lecture
3:15 pm:	Afternoon Sprint (pair)
6:30 pm:	Day ends, solutions released

12 Weeks in a Flash!

Week 1: Software Engineering & EDA
Week 2: Statistical Inference and Probability
Week 3: Regression and Regularization
Week 4: Supervised Learning
Week 5: Natural Language Processing (NLP)
Week 6: Unsupervised Learning

Break Week (+ Labor Day): 8/31 – 9/7

Week 7: Data Engineering
Week 8: Data Visualization, Fraud Prediction Case study

Week 9 : Capstone Project
Week 10: Capstone Project
Week 11: Capstone Project & Hiring Day

Week 12: Interview Prep

Get acquainted with…

Our Home: https://github.com/zipfian/welcome/tree/SF-July2015-Cohort

Solutions: https://github.com/zipfian/solns-july2015

Slack: https://gschool.slack.com/ #sf_ds_july_2015

Events Calendar: emails + reminders

Assessments

Consist of

- Mini-quizzes (most mornings)
- Individual sprints (`individual.md`)
- Pair sprints (`pair.md`)
- Assessments (usually every couple weeks)

To help you track your progress and understanding of the material so that you can focus on the skills you need to improve

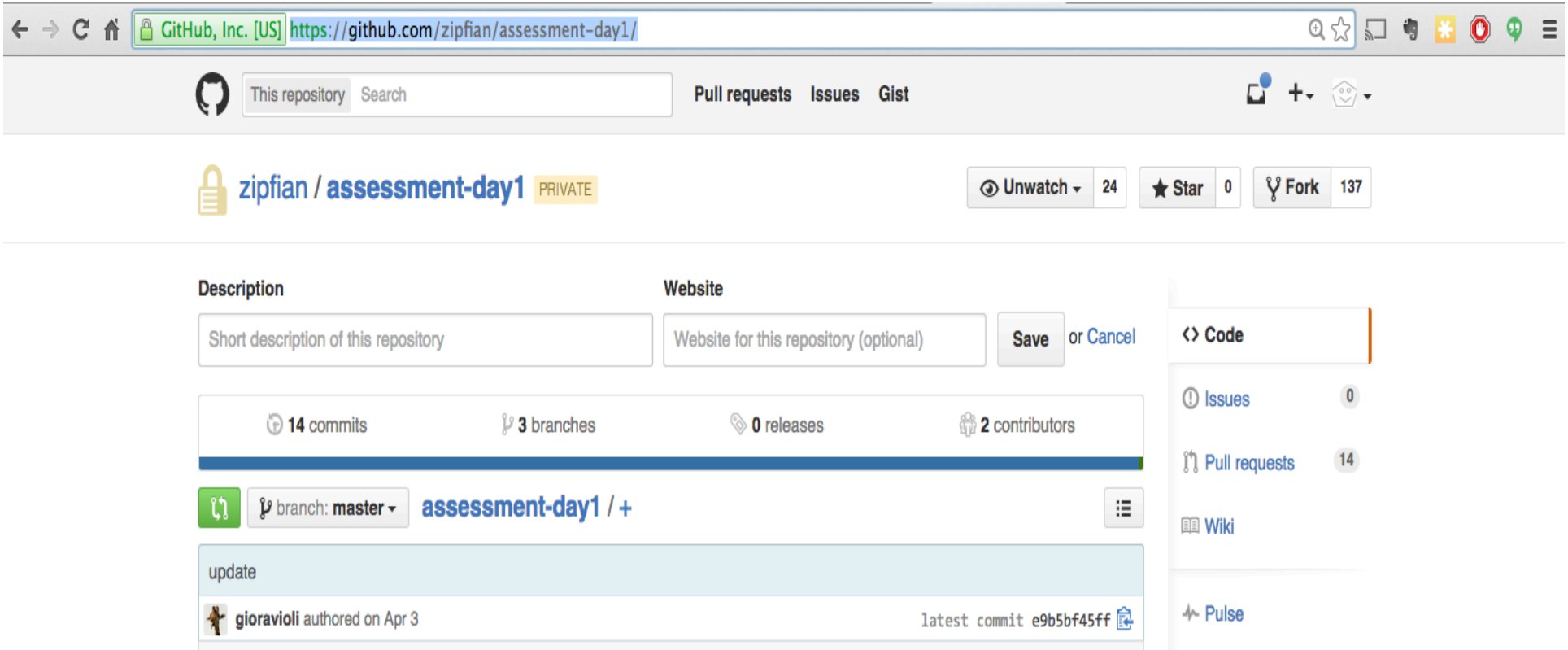
Attendance

- Please do your best to come to class everyday. It is an accelerated program that builds on itself!
- Let Tammy know if you won't be here

Using Git for Today's Assessment

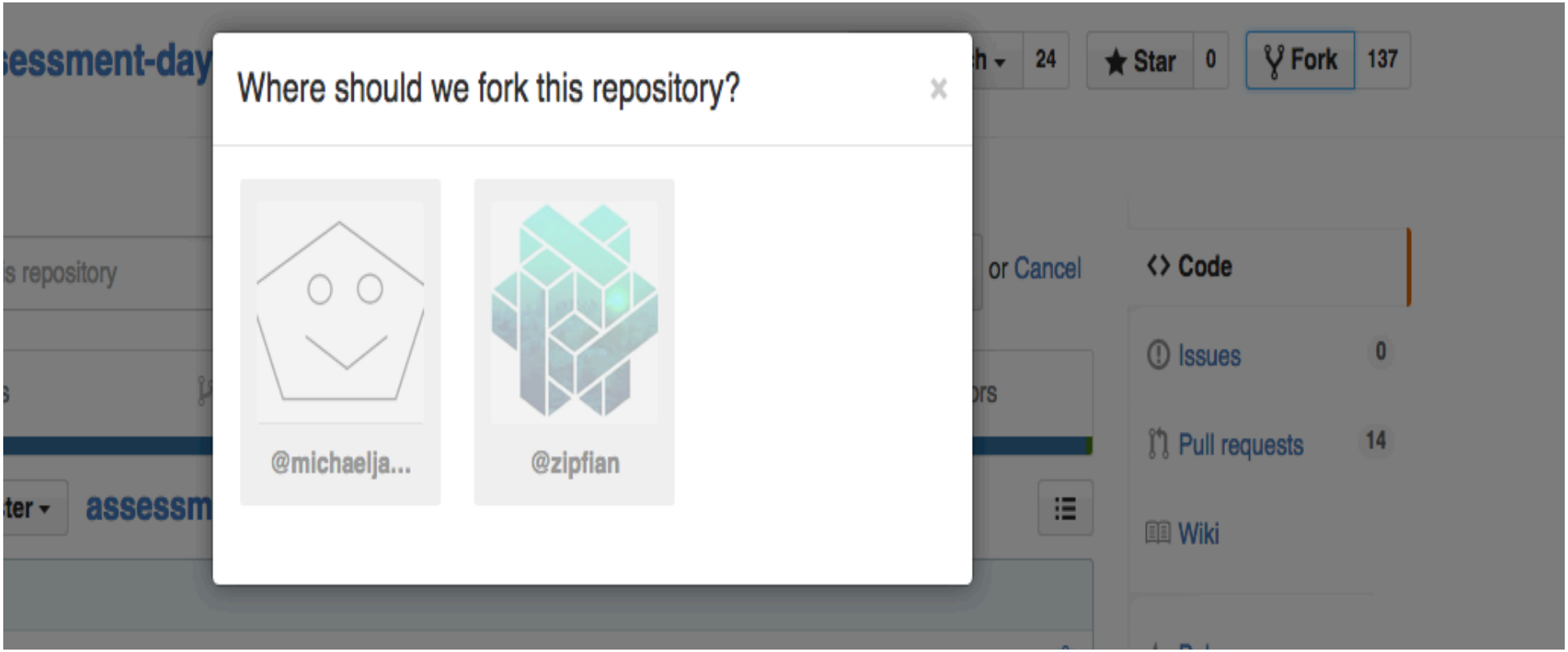
Find the Assessment on GitHub

https://github.com/zipfian/assessment-day1

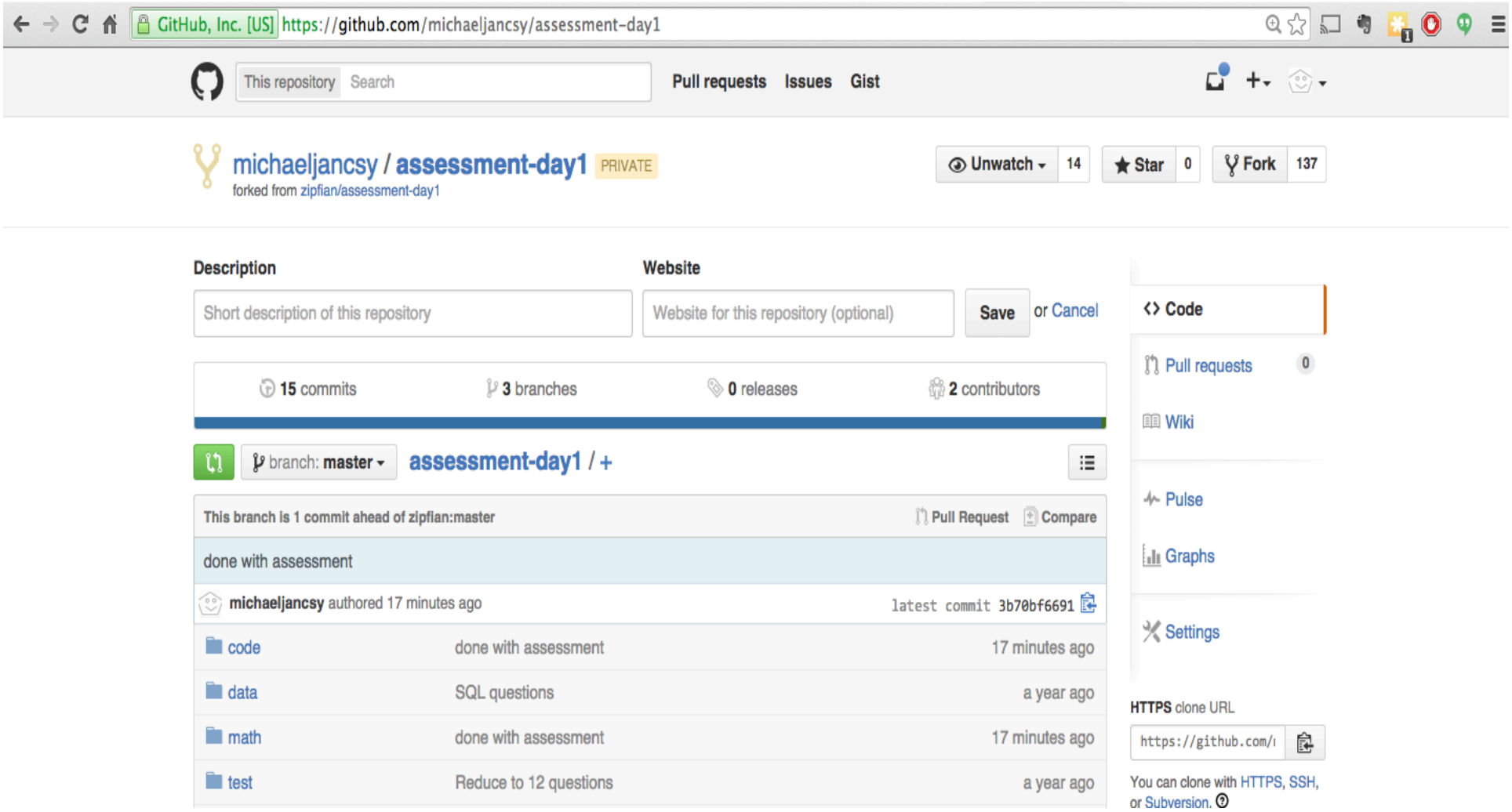


Fork the Assessment Repo

- click the *Fork* button on the top right
- choose your GitHub account

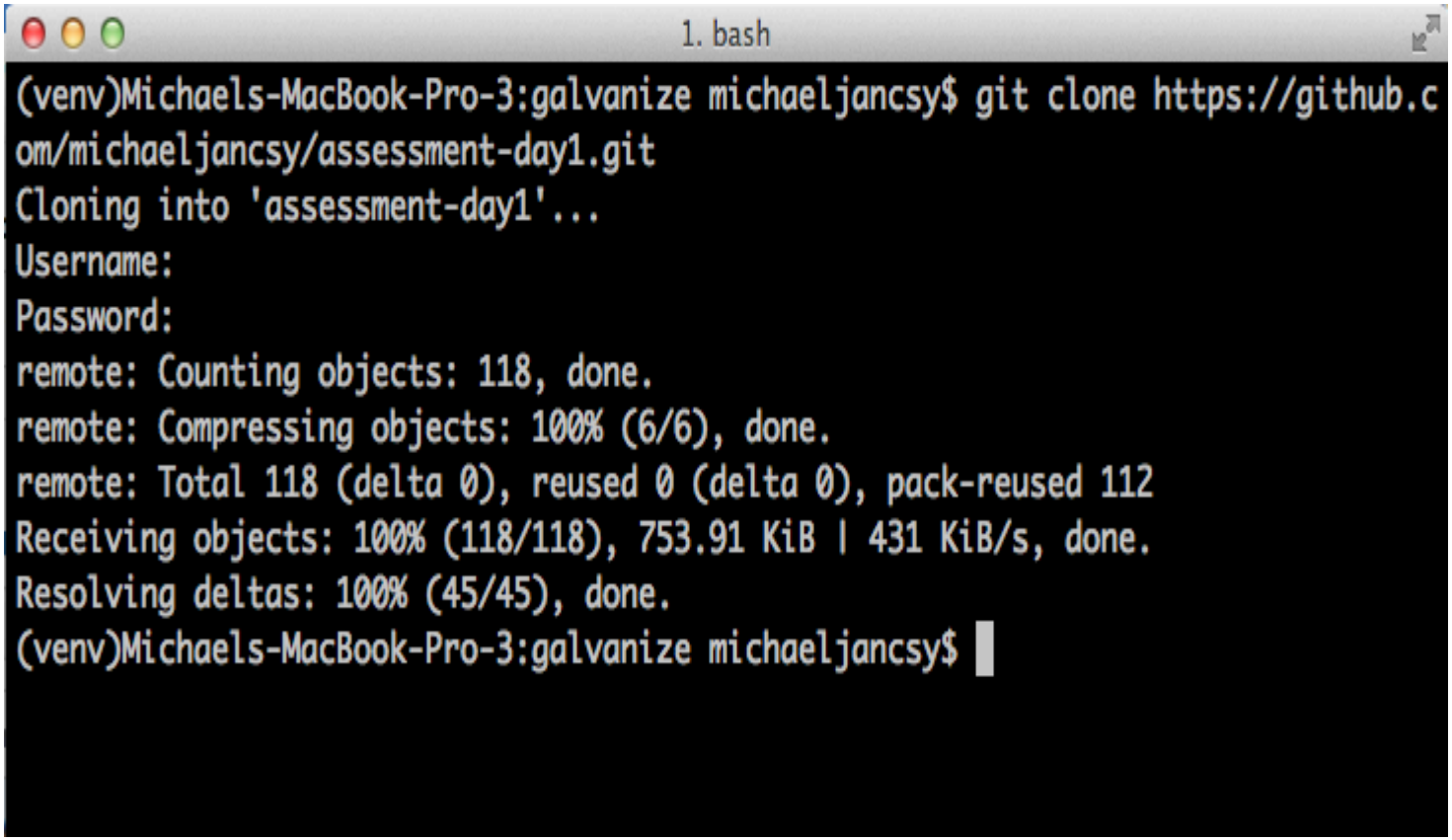


Find the Assessment in Your Account



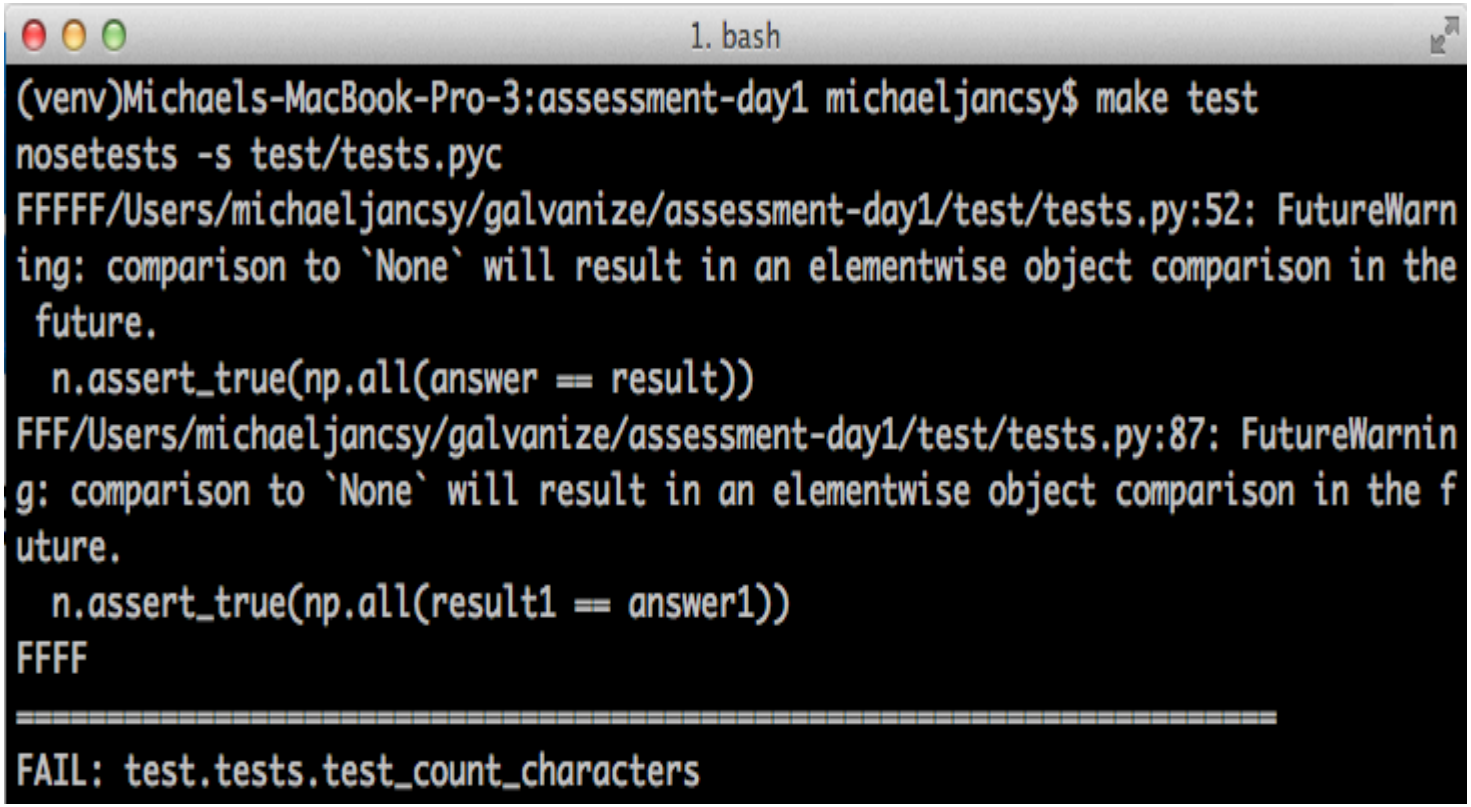
Clone the Assessment Repo Locally

`git clone` *`https://github.com/(your name)/assessment-day1.git`*

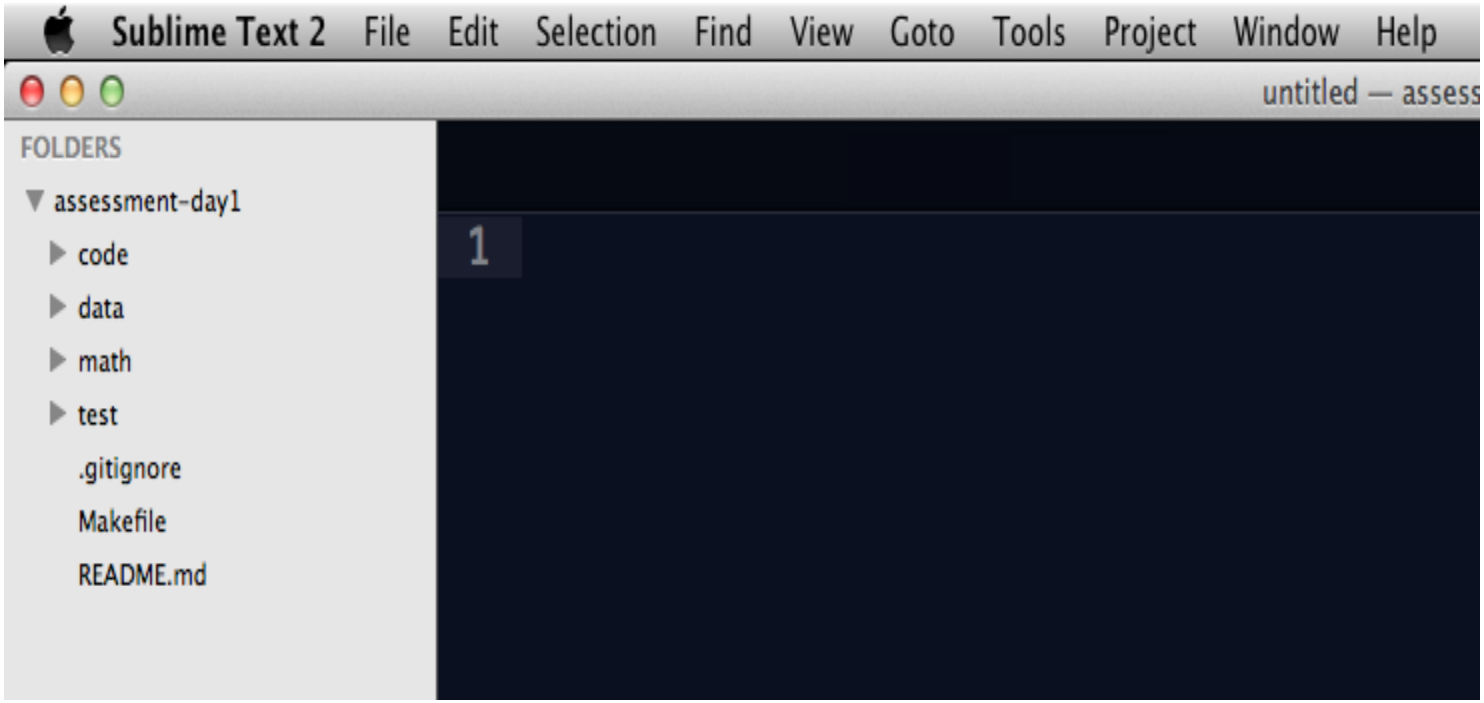


Run Tests in Assessment Directory

Run: `make test`
If the tests don't run, flag down an instructor or DSR.



Open Assessment Folder in Sublime

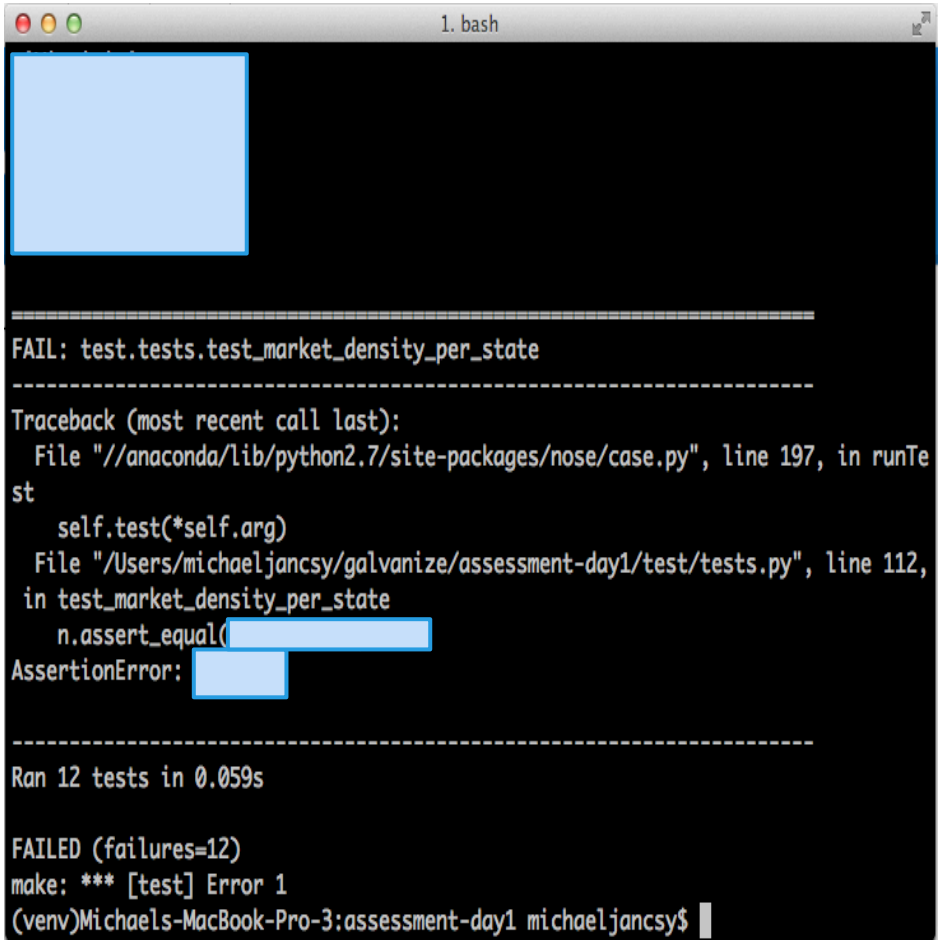


Fill in Your Answers in Sublime

assessment.py and math.txt

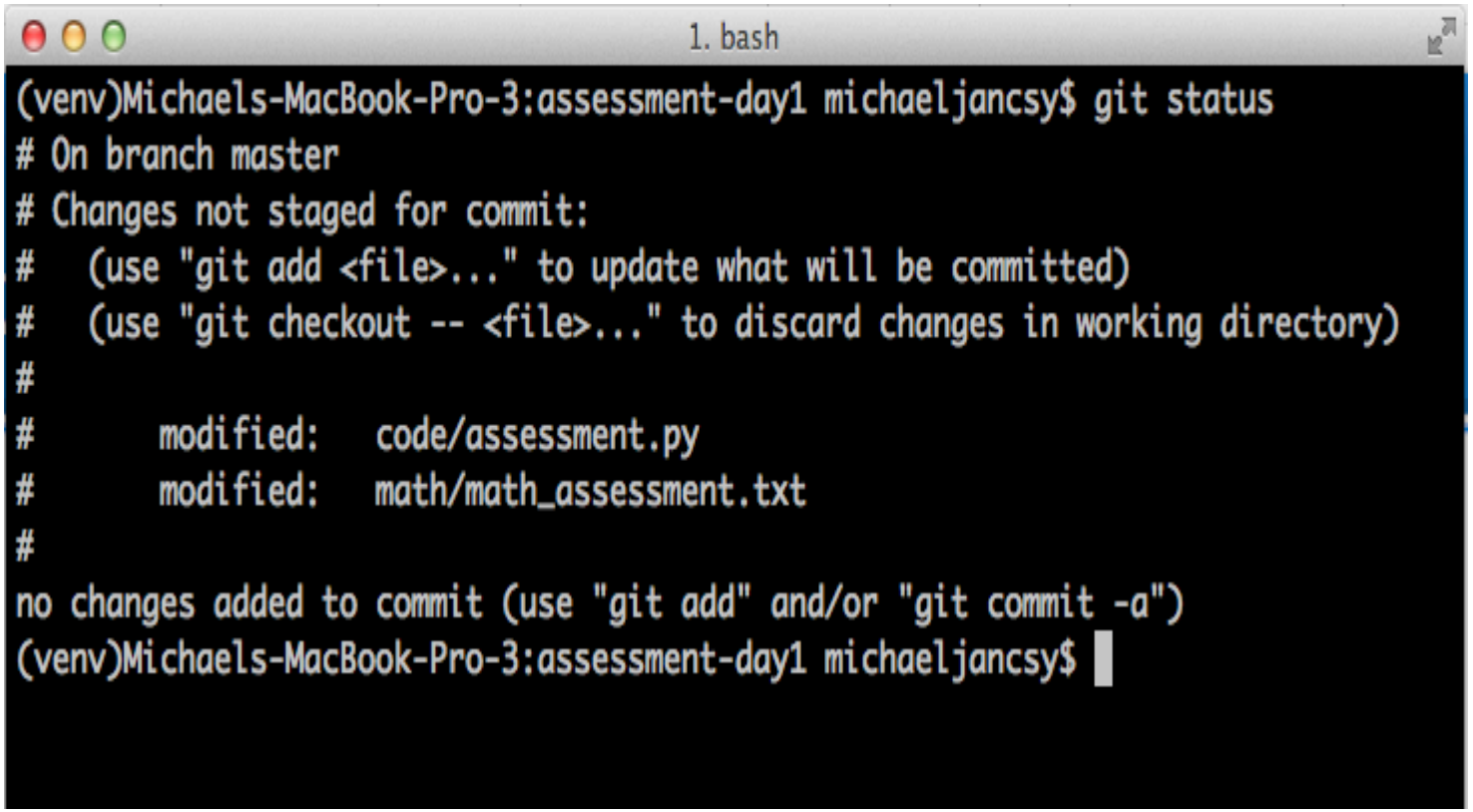
Test Your Code

```
make test
```



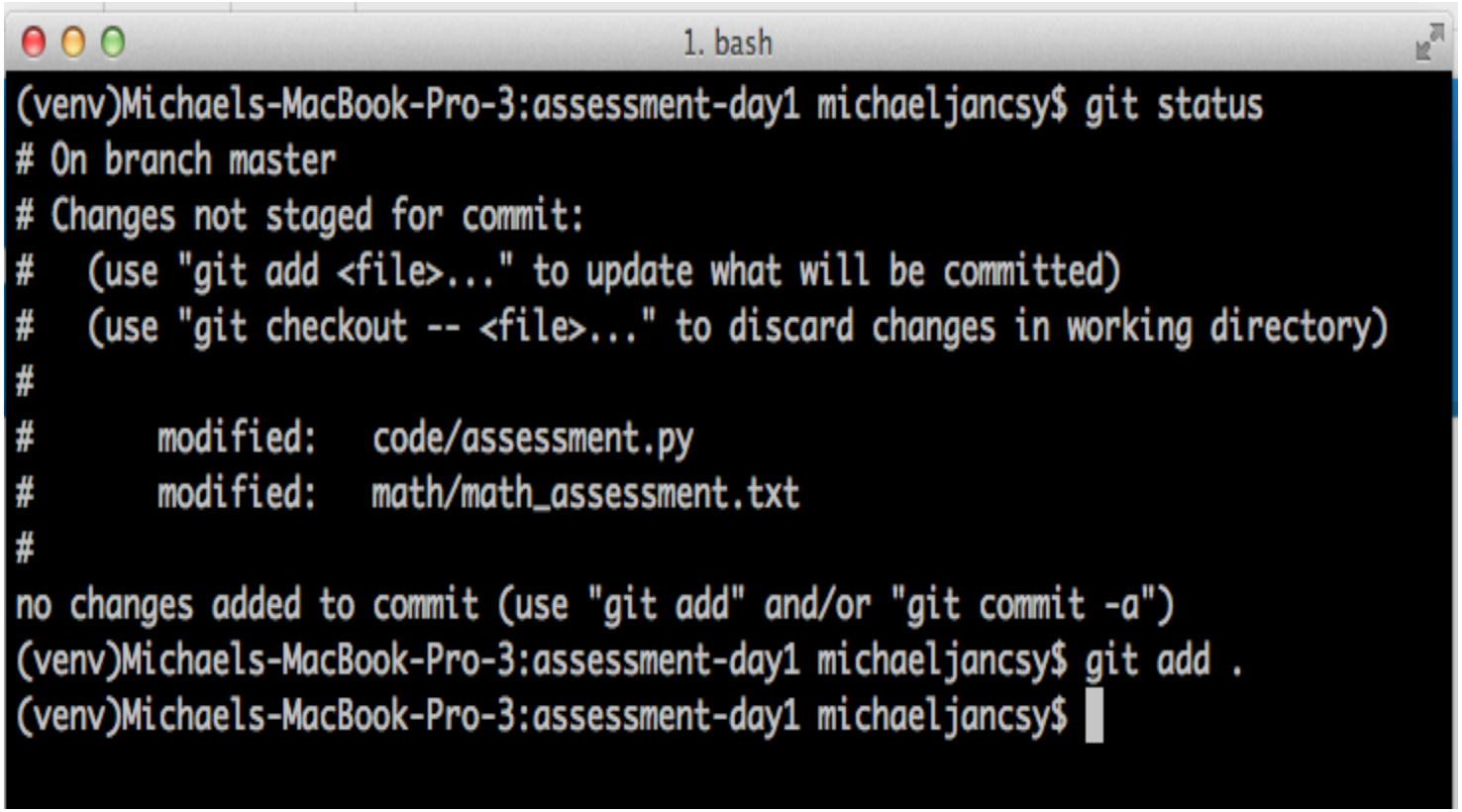
Check that your files have changed

```
git status
```



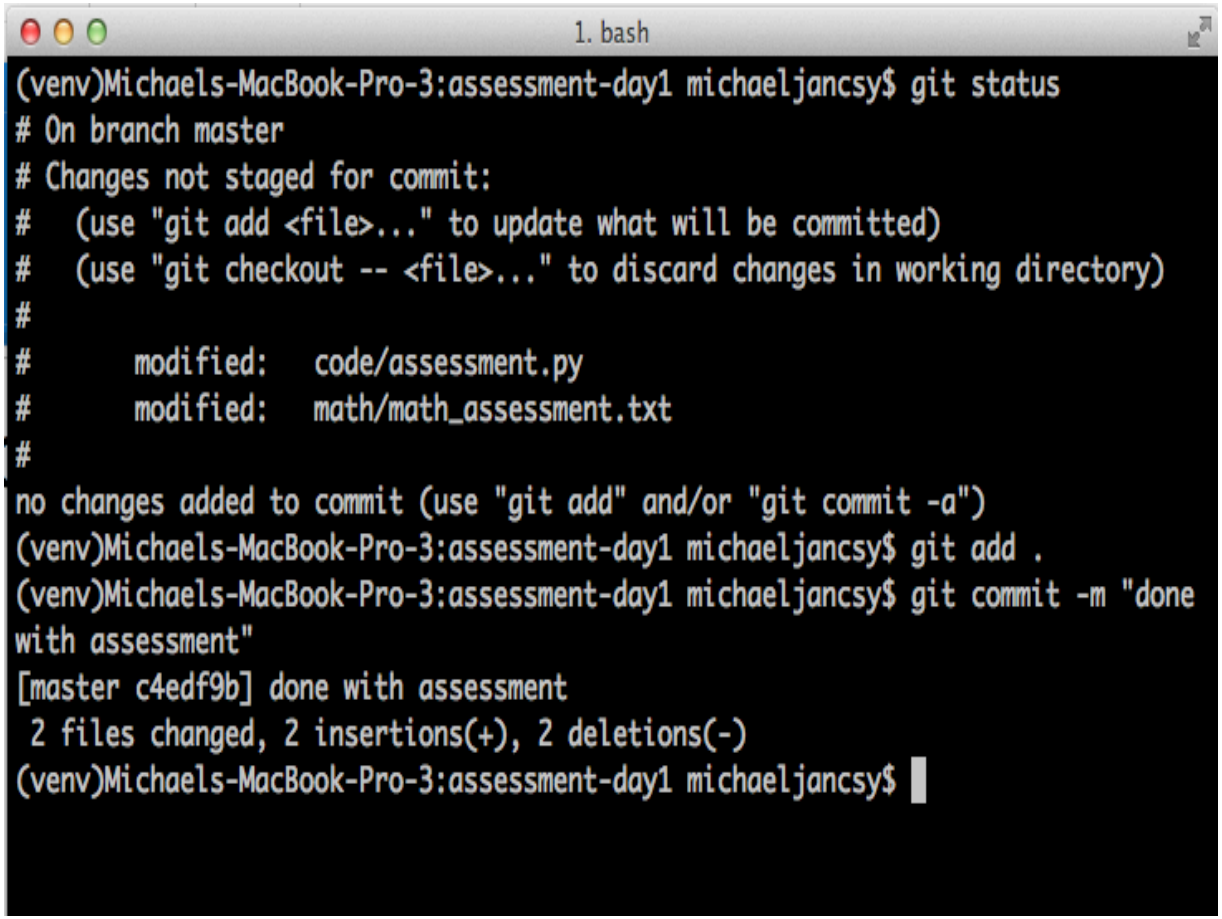
Add Your Changes

```
git add .
```



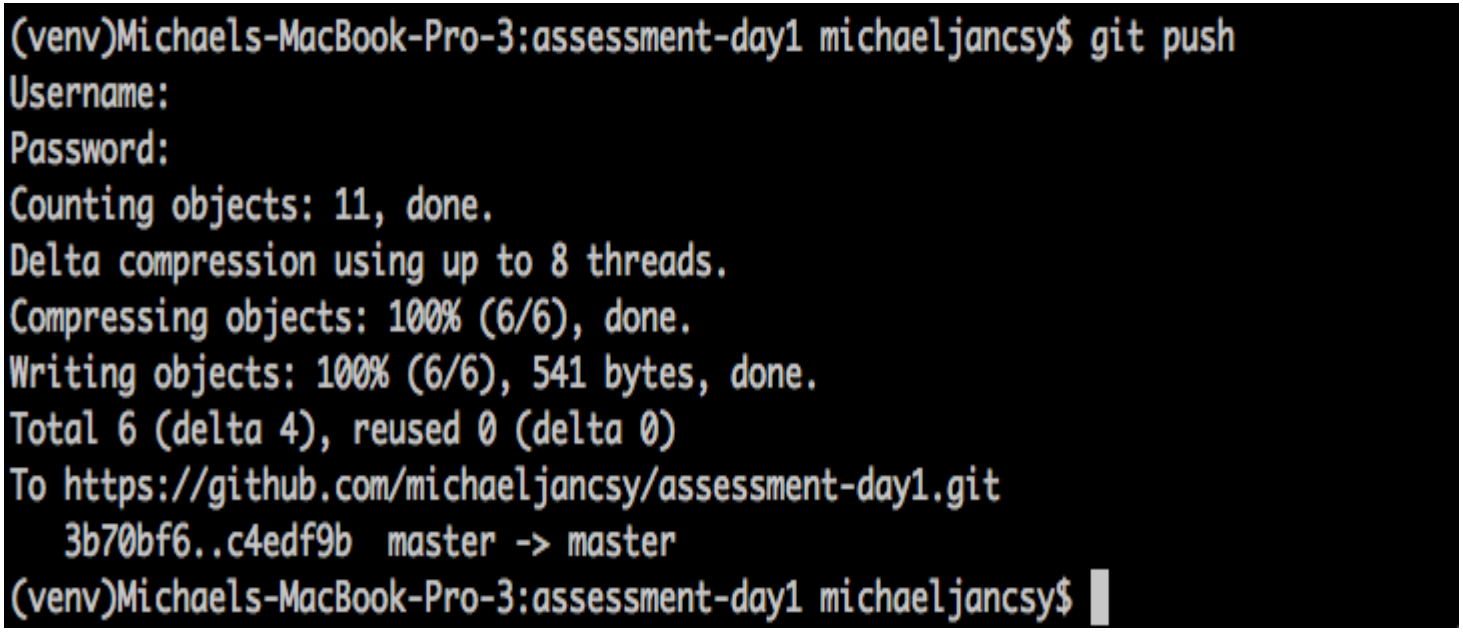
Commit Your Changes

```
git commit -m “done with assessment”
```



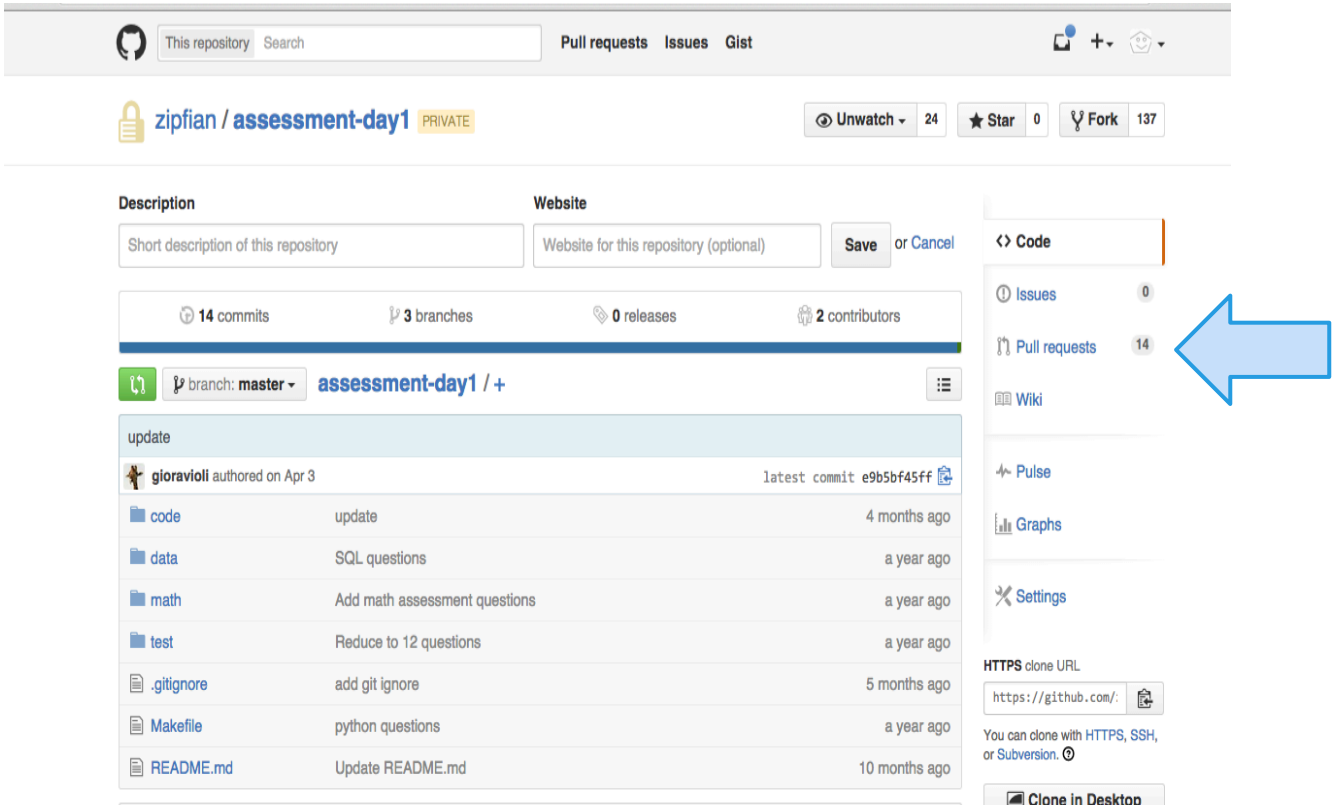
Push Your Changes to Your Account

```
git push
```

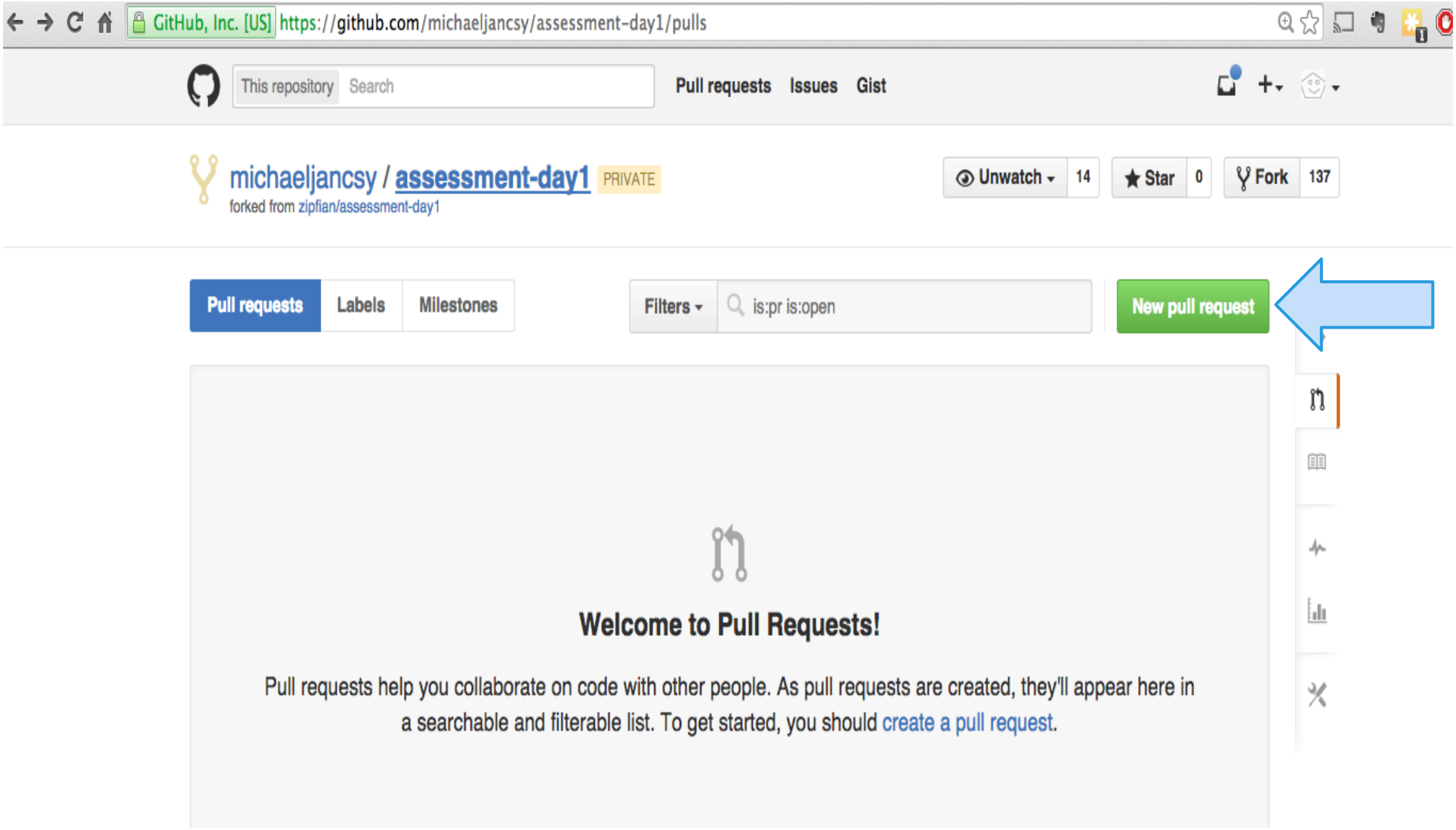


Create a Pull Request

- Pull requests are how assessments and assignments are submitted
- To begin, go to github.com/(your username)/assessment-day1
- Click on “Pull requests”

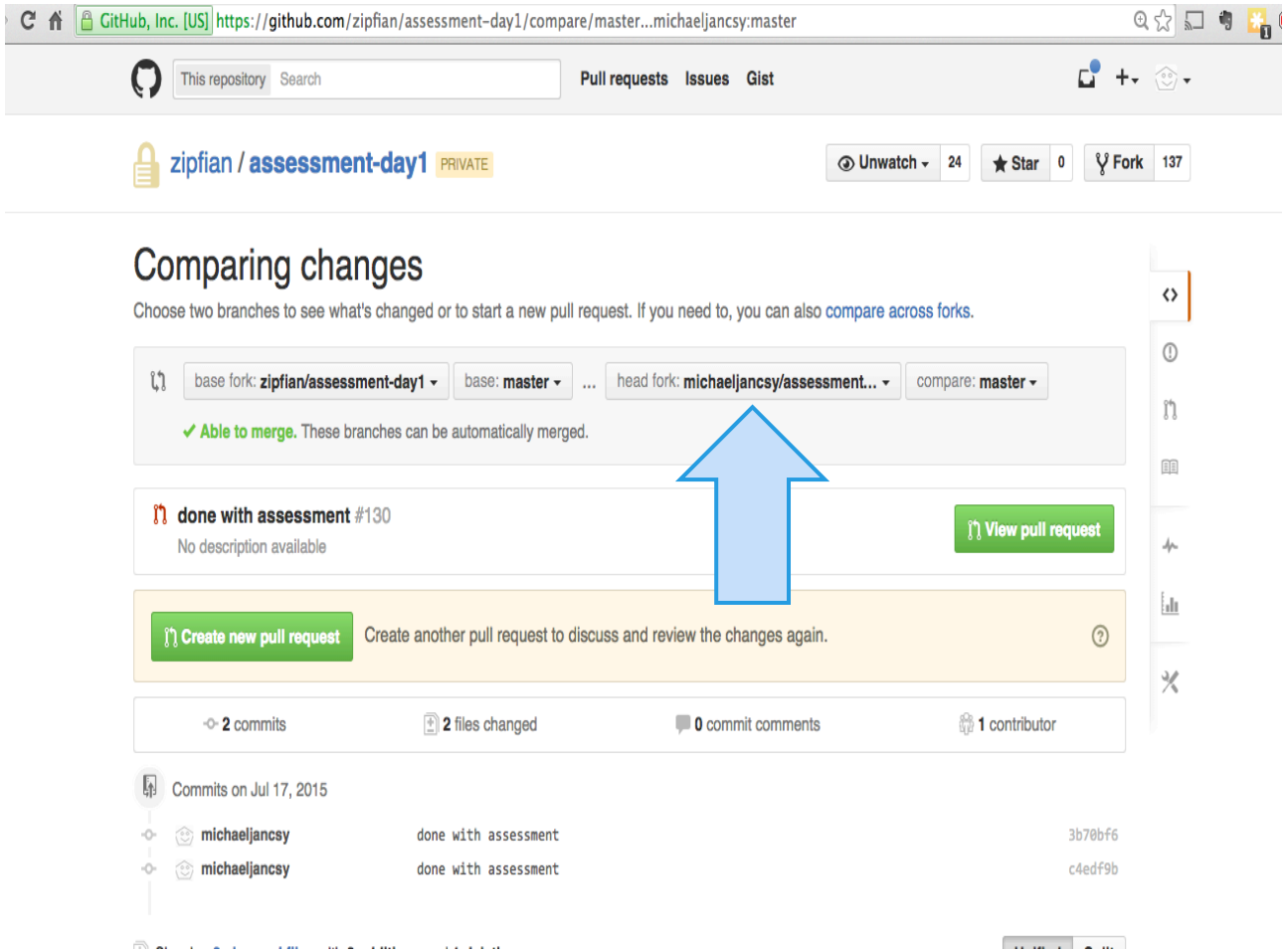


Create a Pull Request



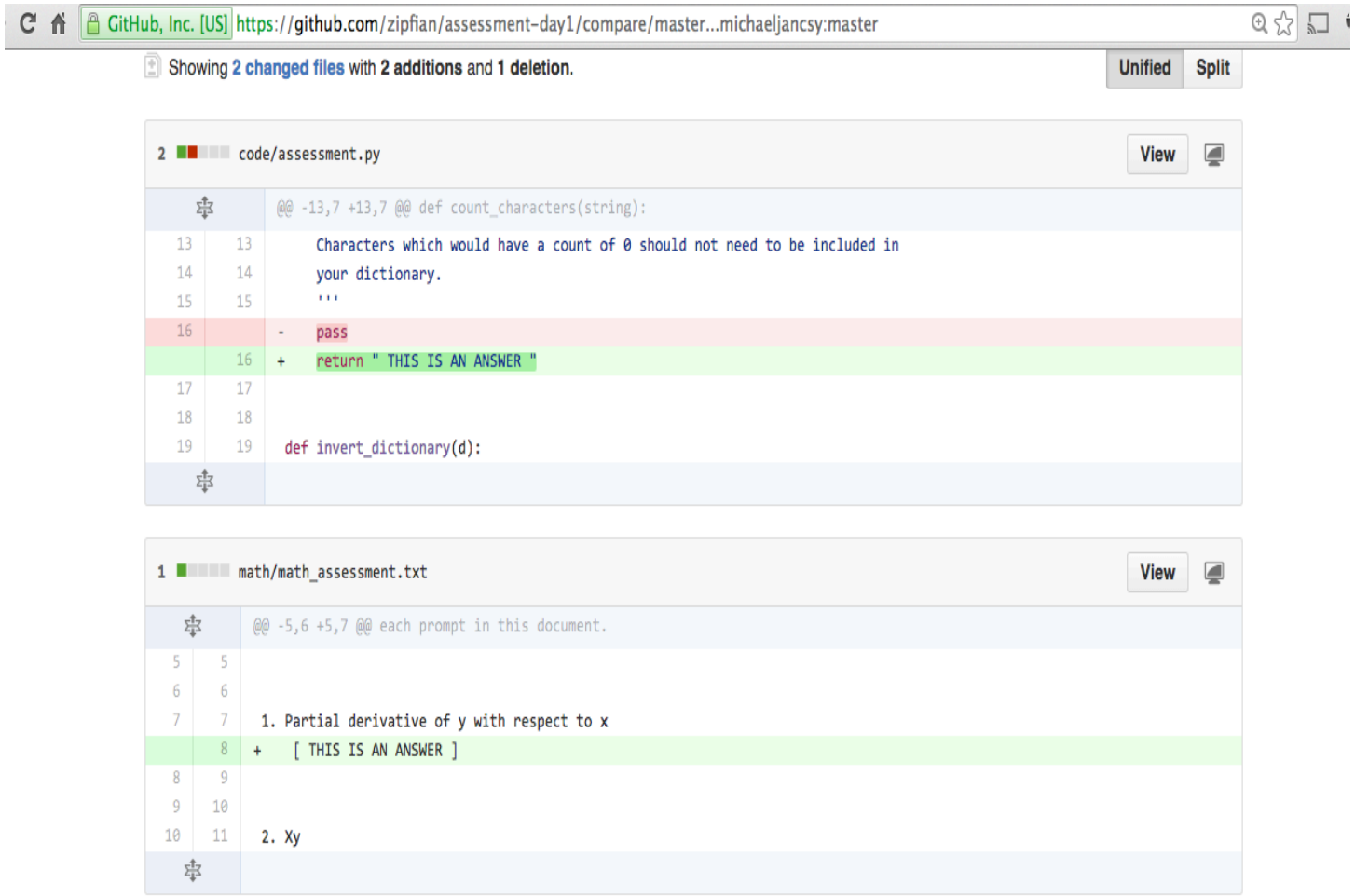
Create a Pull Request

Select your fork as the “head fork”



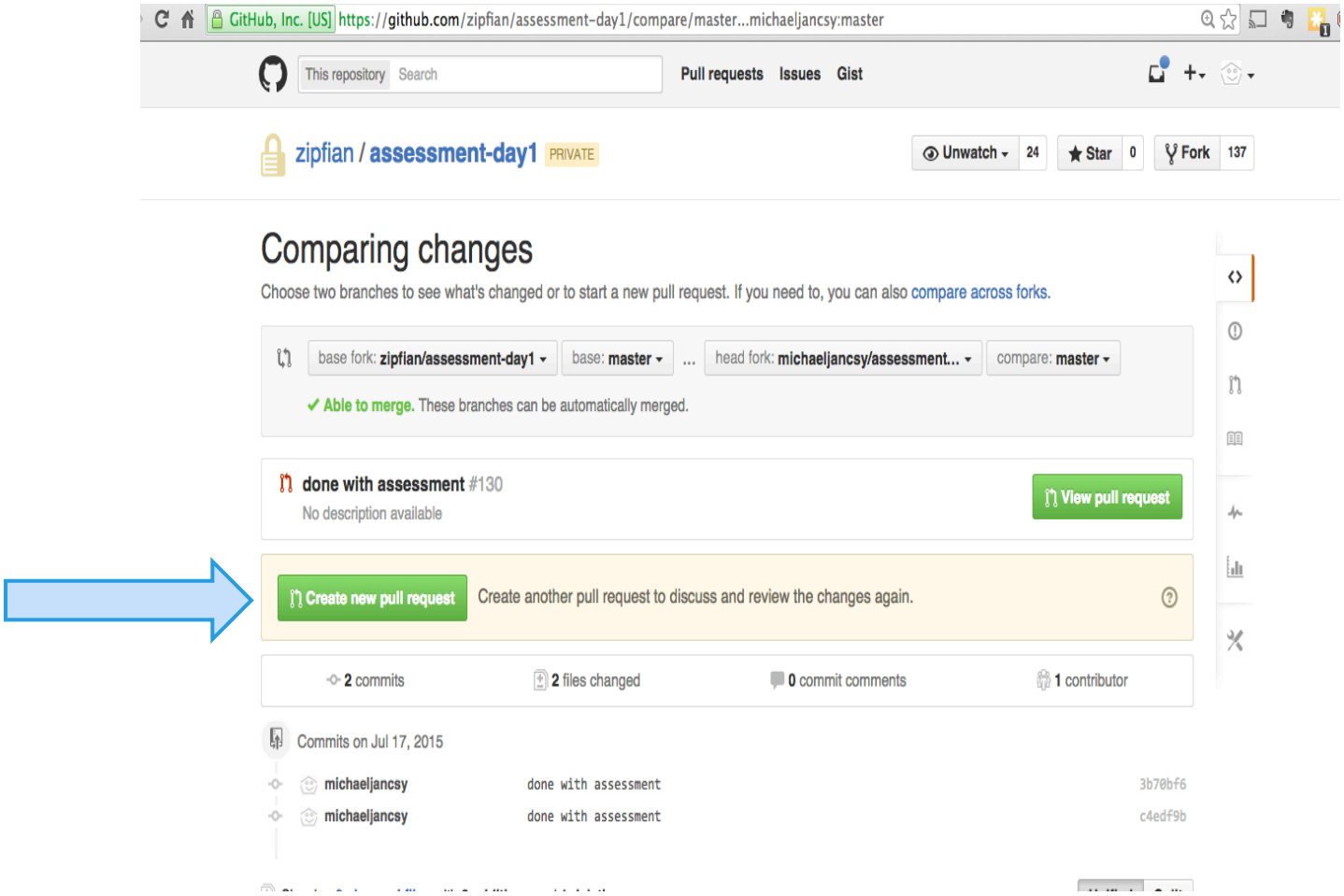
Create a Pull Request

Scroll down to see the changed files



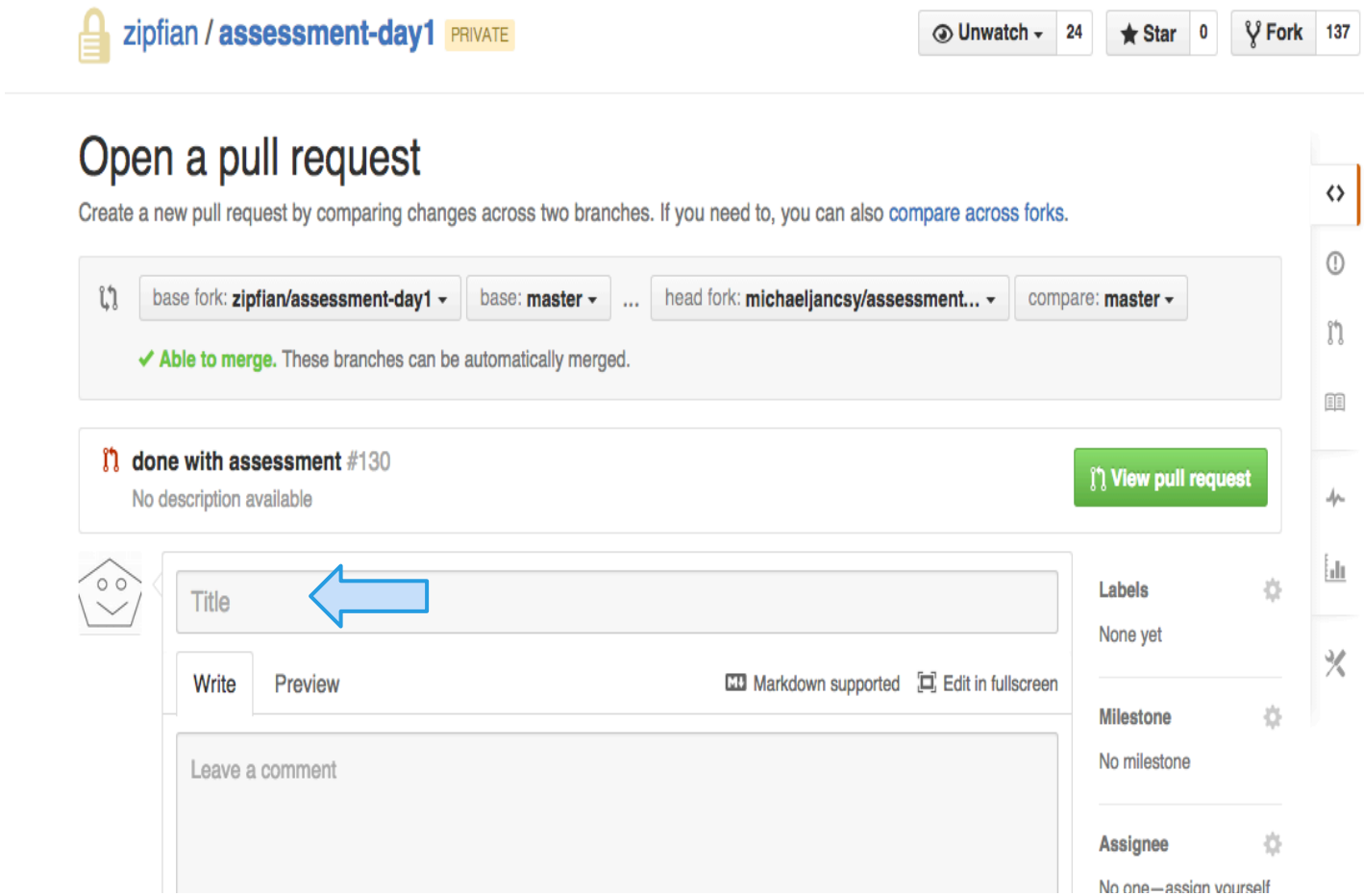
Create a Pull Request

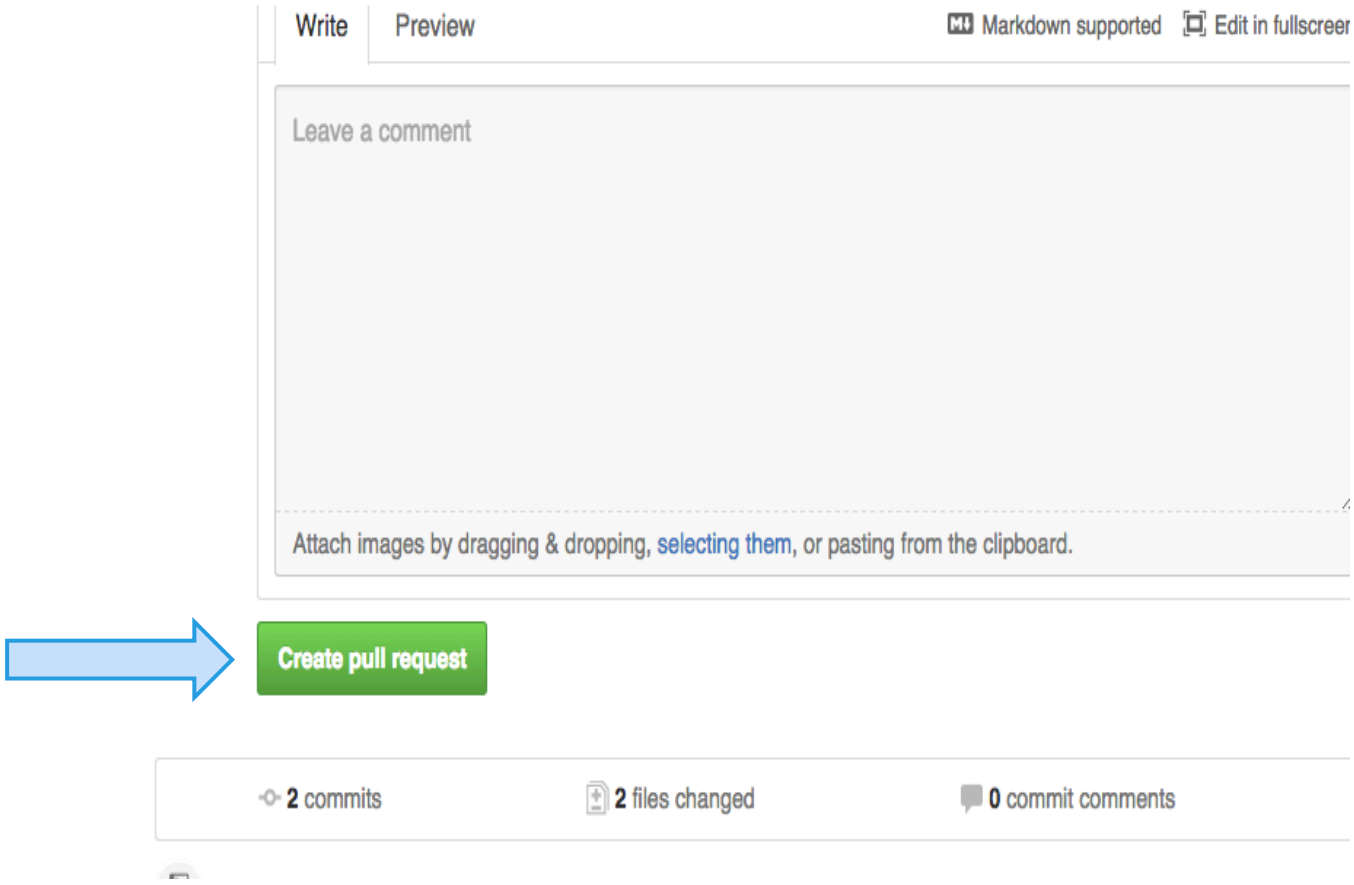
Click “Create a new pull request”



Create a Pull Request

Type your full name as the title



Create a Pull Request

Click “Create pull request”