

Using Git for Today's Assessment

Find the Assessment on GitHub

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

The screenshot shows the GitHub interface for the repository `zipfian / assessment-day1`, which is marked as **PRIVATE**. The repository has 24 watchers, 0 stars, and 137 forks. The main content area includes a description field, a website field, and a summary of repository statistics: 14 commits, 3 branches, 0 releases, and 2 contributors. Below this, a branch selector shows the `master` branch, and a commit history table lists the latest commit by `gioravioli` on April 3, with the commit hash `e9b5bf45ff`. The right sidebar contains links to `Code`, `Issues` (0), `Pull requests` (14), `Wiki`, and `Pulse`.

GitHub, Inc. [US] <https://github.com/zipfian/assessment-day1/>

This repository Search Pull requests Issues Gist

zipfian / **assessment-day1** PRIVATE

Unwatch 24 Star 0 Fork 137

Description

Short description of this repository

Website

Website for this repository (optional)

Save or Cancel

14 commits 3 branches 0 releases 2 contributors

branch: master assessment-day1 / +

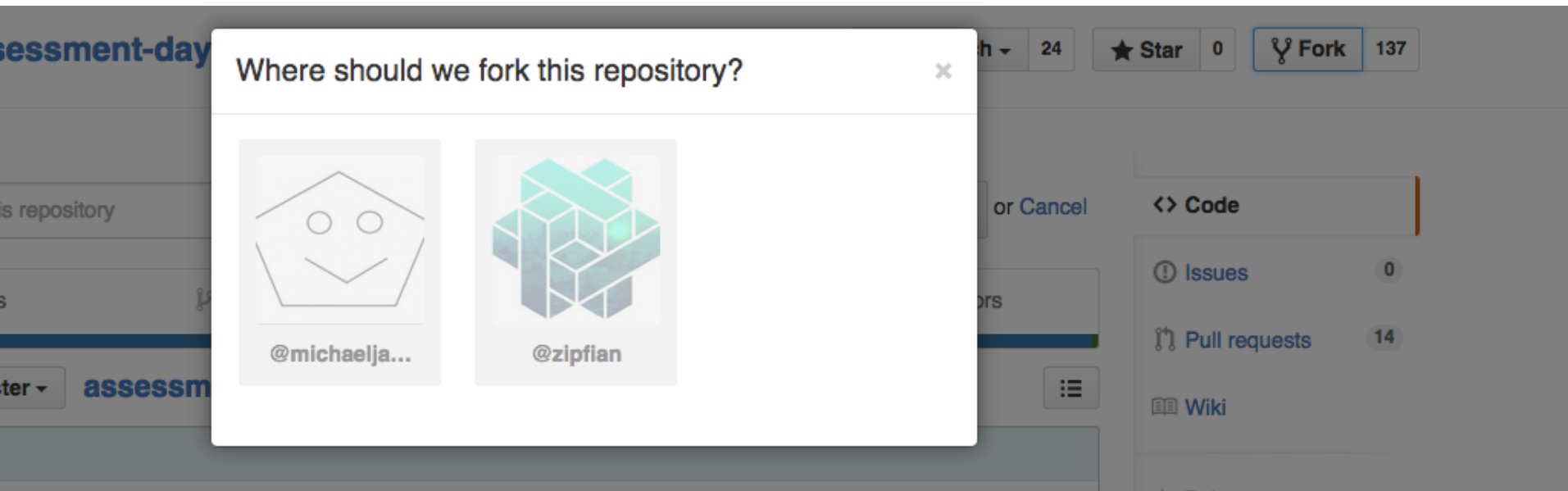
update
gioravioli authored on Apr 3 latest commit e9b5bf45ff

<> Code

- Issues 0
- Pull requests 14
- Wiki
- Pulse

Fork the Assessment Repo

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



Find the Assessment in Your Account

←

→

↺

🏠

🔒 GitHub, Inc. [US] https://github.com/michaeljancsy/assessment-day1

🔍

☆

🖨

🔊

⚙️

🔴

💬

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🐙


This repository Search

Pull requests Issues Gist

📄

+

👤

 **michaeljancsy / assessment-day1** PRIVATE

forked from zipfian/assessment-day1

👁 Unwatch 14

★ Star 0

🍴 Fork 137

Description

Short description of this repository

Website

Website for this repository (optional)

Save

or Cancel

🔖 15 commits

🌿 3 branches

📦 0 releases

👥 2 contributors

🔗

🌿 branch: master

assessment-day1 / +

☰

This branch is 1 commit ahead of zipfian:master

🔗 Pull Request

🔗 Compare

done with assessment

👤 michaeljancsy

authored 17 minutes ago

latest commit 3b70bf6691

code	done with assessment	17 minutes ago
data	SQL questions	a year ago
math	done with assessment	17 minutes ago
test	Reduce to 12 questions	a year ago

<> Code

🔗 Pull requests 0

📖 Wiki

📊 Pulse

📊 Graphs

⚙️ Settings

HTTPS clone URL

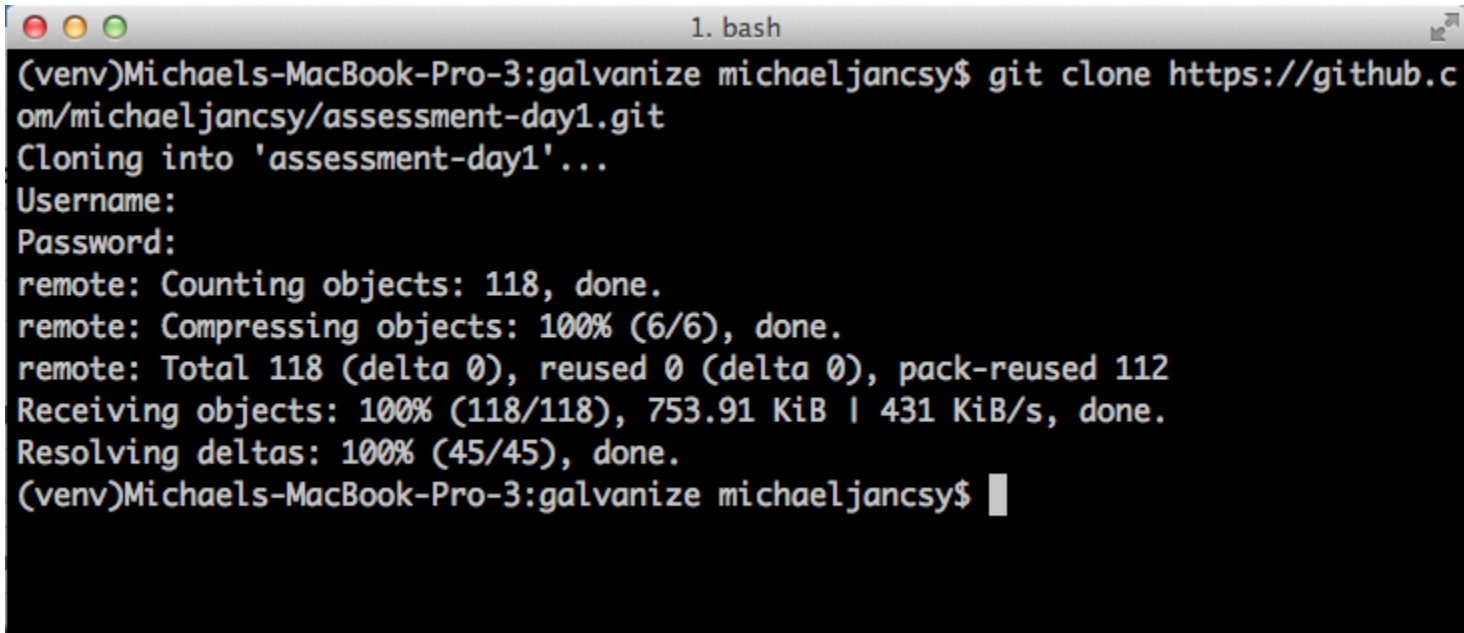
https://github.com/i

📄

You can clone with HTTPS, SSH, or Subversion. ©

Clone the Assessment Repo Locally

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

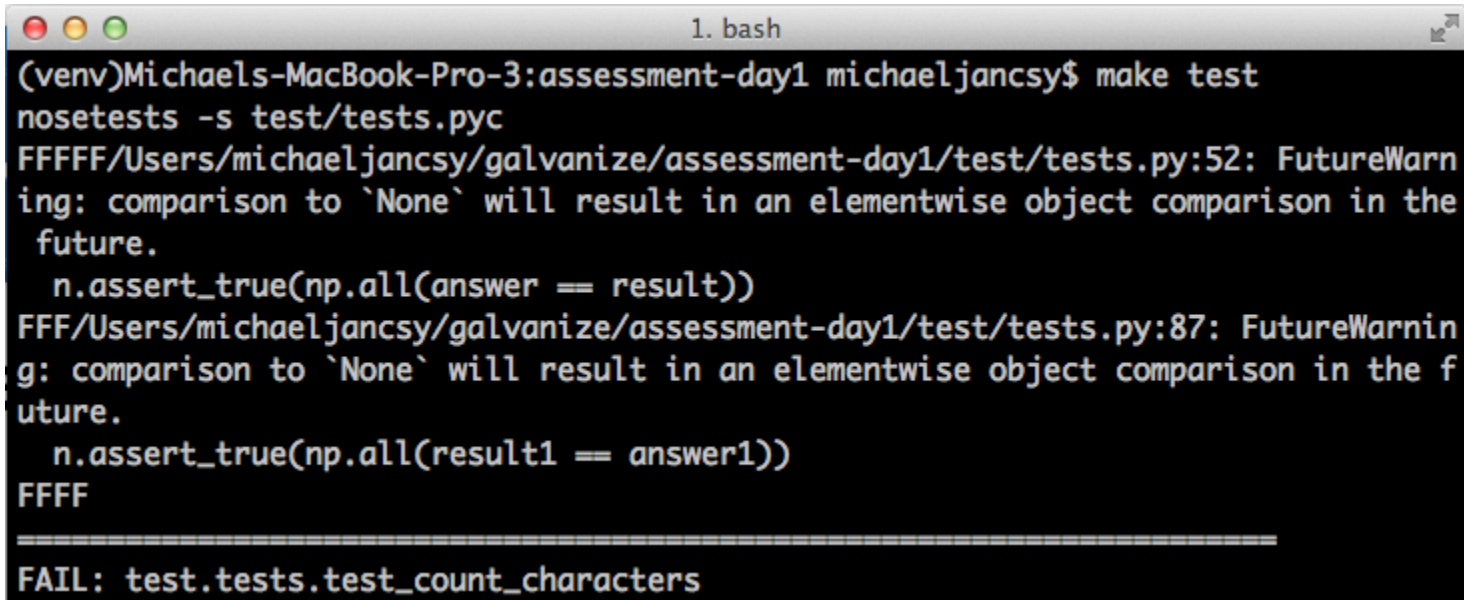
A screenshot of a macOS terminal window titled "1. bash". The window shows the execution of the command `git clone https://github.com/michaeljancsy/assessment-day1.git`. The output includes the cloning progress, a prompt for a password, and the completion of the cloning process. The terminal text is as follows:

```
(venv)Michaels-MacBook-Pro-3:galvanize michaeljancsy$ git clone https://github.com/michaeljancsy/assessment-day1.git
Cloning into 'assessment-day1'...
Username:
Password:
remote: Counting objects: 118, done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 118 (delta 0), reused 0 (delta 0), pack-reused 112
Receiving objects: 100% (118/118), 753.91 KiB | 431 KiB/s, done.
Resolving deltas: 100% (45/45), done.
(venv)Michaels-MacBook-Pro-3:galvanize michaeljancsy$
```

Run Tests in Assessment Directory

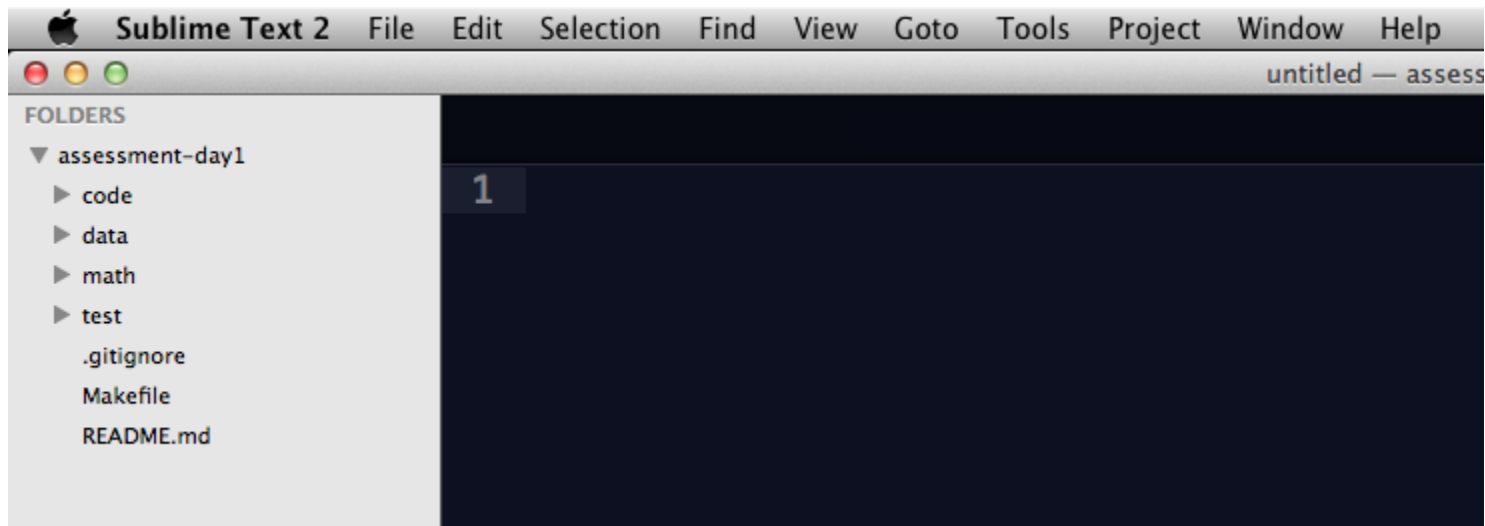
Run: `make test`

If the tests don't run, flag down an instructor or DSR.

A terminal window titled "1. bash" showing the execution of a test suite. The user runs "make test" in a directory named "assessment-day1". The output shows several test failures indicated by "F" characters. There are two "FutureWarning" messages about comparisons with 'None'. The tests that failed are "test_count_characters" and "test_count_characters1".

```
(venv)Michael's-MacBook-Pro-3:assessment-day1 michaeljancsy$ make test
nosetests -s test/tests.pyc
FFFFF/Users/michaeljancsy/galvanize/assessment-day1/test/tests.py:52: FutureWarn
ing: comparison to `None` will result in an elementwise object comparison in the
future.
    n.assert_true(np.all(answer == result))
FFF/Users/michaeljancsy/galvanize/assessment-day1/test/tests.py:87: FutureWarnin
g: comparison to `None` will result in an elementwise object comparison in the f
uture.
    n.assert_true(np.all(result1 == answer1))
FFFF
=====
FAIL: test.tests.test_count_characters
```

Open Assessment Folder in Sublime

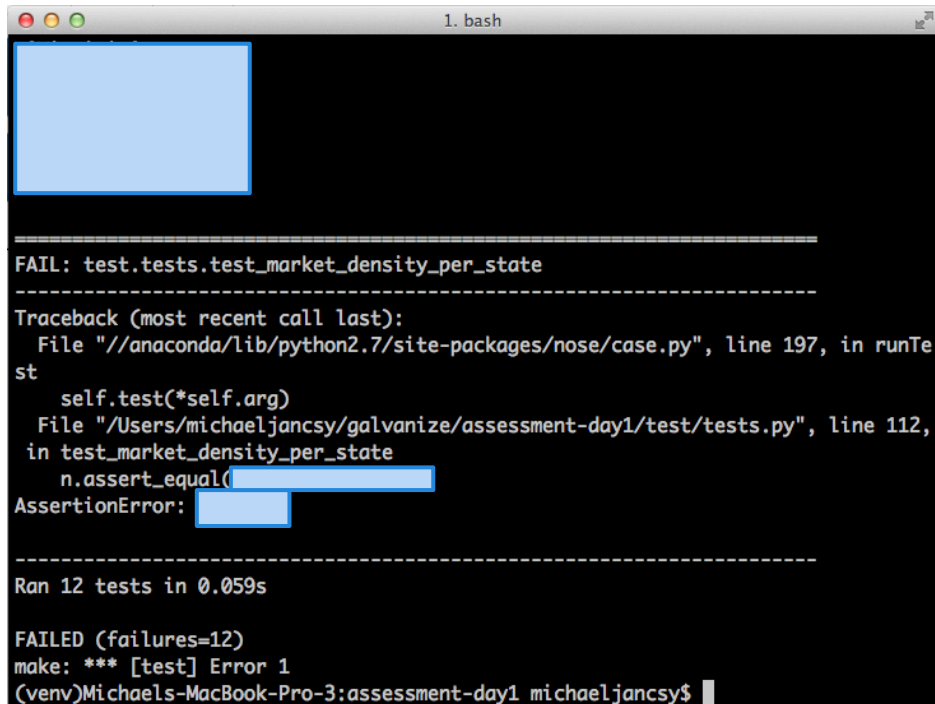


Fill in Your Answers in Sublime

assessment.py and math.txt

Test Your Code

make test

A terminal window titled "1. bash" with a dark background. A light blue rectangular box is positioned in the top-left corner of the terminal area. The terminal output shows a test failure for "test_market_density_per_state". It includes a traceback with the following details: File "/Users/michaeljancsy/galvanize/assessment-day1/test/tests.py", line 112, in test_market_density_per_state, n.assert_equal(). The error is an "AssertionError". Below the traceback, it says "Ran 12 tests in 0.059s" and "FAILED (failures=12)". The prompt at the bottom is "(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy\$".

```
1. bash

=====
FAIL: test.tests.test_market_density_per_state
-----
Traceback (most recent call last):
  File "//anaconda/lib/python2.7/site-packages/nose/case.py", line 197, in runTest
    self.test(*self.args)
  File "/Users/michaeljancsy/galvanize/assessment-day1/test/tests.py", line 112,
in test_market_density_per_state
    n.assert_equal(
AssertionError:

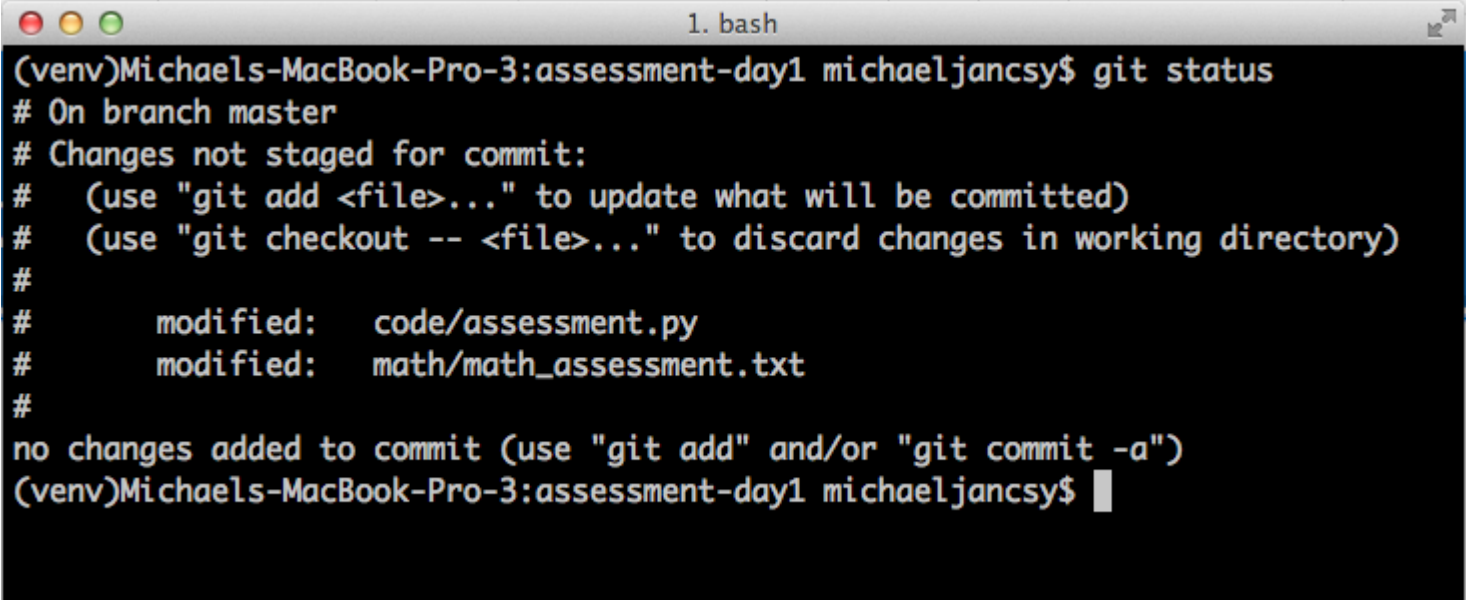
=====

Ran 12 tests in 0.059s

FAILED (failures=12)
make: *** [test] Error 1
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$
```

Check that your files have changed

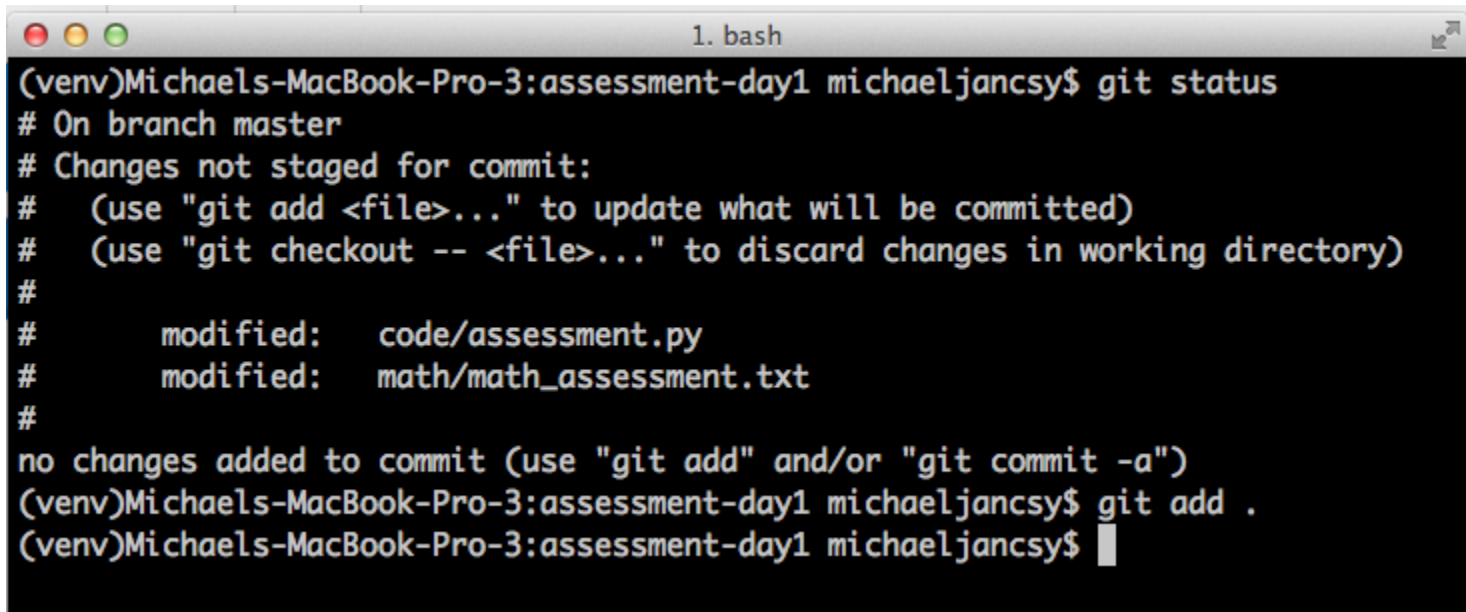
git status

A screenshot of a macOS terminal window titled "1. bash". The window shows the output of the "git status" command. The output indicates that the user is on the "master" branch and lists two modified files: "code/assessment.py" and "math/math_assessment.txt". It also provides instructions on how to stage changes for commit using "git add" and how to discard changes using "git checkout --". The prompt at the bottom shows the user is in a virtual environment named "venv" and is in the directory "Michaels-MacBook-Pro-3:assessment-day1" as "michaeljancsy".

```
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$ git status
# On branch master
# Changes not staged for commit:
#   (use "git add <file>..." to update what will be committed)
#   (use "git checkout -- <file>..." to discard changes in working directory)
#
#       modified:   code/assessment.py
#       modified:   math/math_assessment.txt
#
no changes added to commit (use "git add" and/or "git commit -a")
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$
```

Add Your Changes

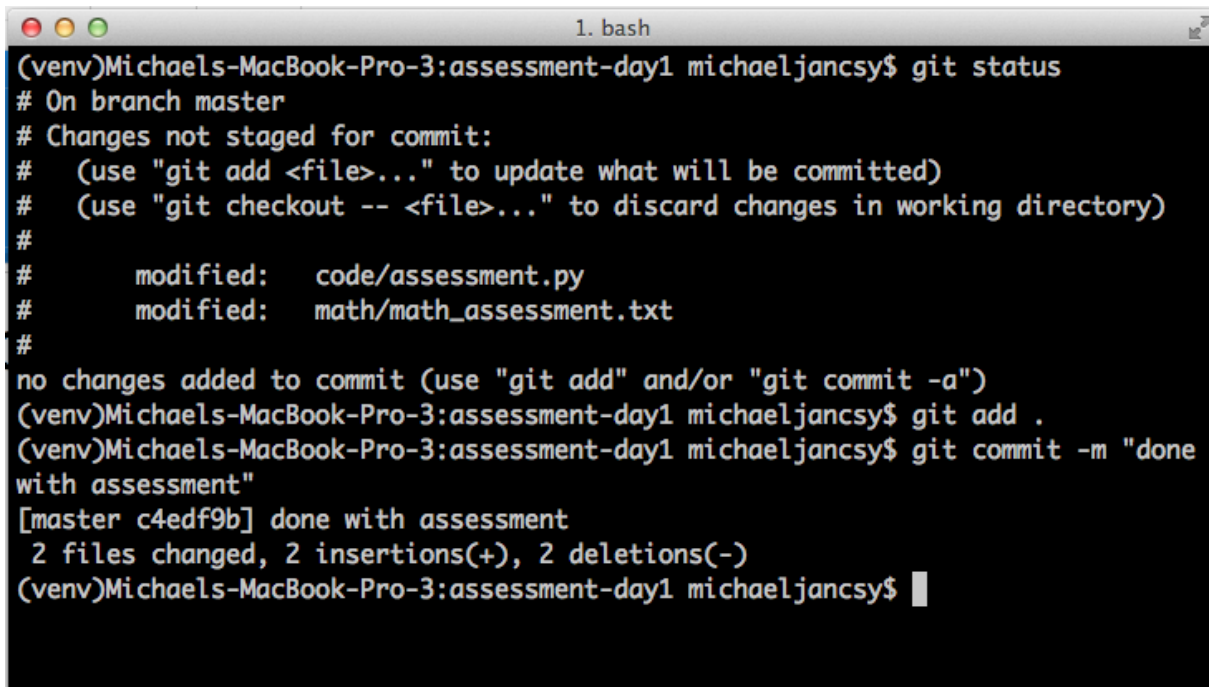
```
git add .
```

A terminal window titled "1. bash" with standard macOS window controls (red, yellow, green buttons) in the top-left corner. The terminal text shows a user in a virtual environment at the path "(venv)Michaels-MacBook-Pro-3:assessment-day1" with the username "michaeljancsy". They run "git status", which shows that "code/assessment.py" and "math/math_assessment.txt" are modified but not staged. They then run "git add .", and the prompt returns without further output, indicating the files were successfully staged.

```
1. bash
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$ git status
# On branch master
# Changes not staged for commit:
#   (use "git add <file>..." to update what will be committed)
#   (use "git checkout -- <file>..." to discard changes in working directory)
#
#       modified:   code/assessment.py
#       modified:   math/math_assessment.txt
#
no changes added to commit (use "git add" and/or "git commit -a")
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$ git add .
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$
```

Commit Your Changes

```
git commit -m "done with assessment"
```

A terminal window titled "1. bash" showing the execution of git commands. The user is in a virtual environment at the path "(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy". They run "git status", which shows that two files, "code/assessment.py" and "math/math_assessment.txt", have been modified. They then run "git add ." to stage the changes, followed by "git commit -m 'done with assessment'" to commit them. The terminal output shows the commit message "[master c4edf9b] done with assessment" and a summary of "2 files changed, 2 insertions(+), 2 deletions(-)".

```
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$ git status
# On branch master
# Changes not staged for commit:
#   (use "git add <file>..." to update what will be committed)
#   (use "git checkout -- <file>..." to discard changes in working directory)
#
#       modified:   code/assessment.py
#       modified:   math/math_assessment.txt
#
no changes added to commit (use "git add" and/or "git commit -a")
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$ git add .
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$ git commit -m "done
with assessment"
[master c4edf9b] done with assessment
 2 files changed, 2 insertions(+), 2 deletions(-)
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$
```

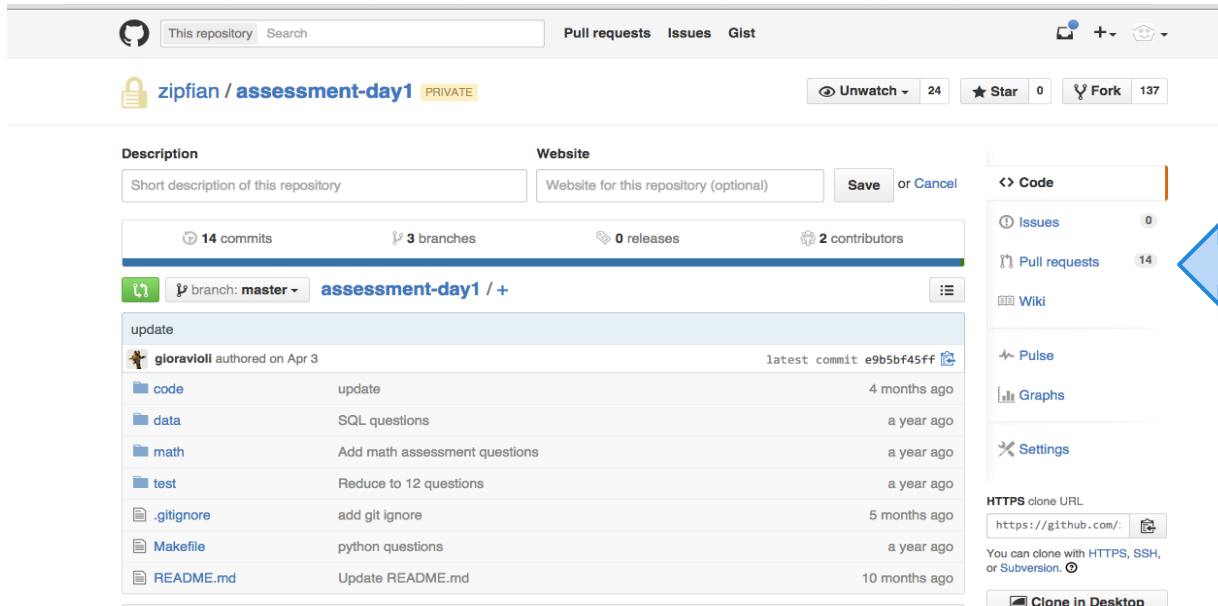
Push Your Changes to Your Account

`git push`

```
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$ git push
Username:
Password:
Counting objects: 11, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 541 bytes, done.
Total 6 (delta 4), reused 0 (delta 0)
To https://github.com/michaeljancsy/assessment-day1.git
   3b70bf6..c4edf9b  master -> master
(venv)Michaels-MacBook-Pro-3:assessment-day1 michaeljancsy$
```

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”



The screenshot shows the GitHub interface for the repository 'zipfian / assessment-day1'. The repository is marked as 'PRIVATE'. The top navigation bar includes 'Pull requests', 'Issues', and 'Gist'. The repository statistics show 24 Unwatch, 0 Stars, and 137 Forks. The main content area displays the repository description, website, and a list of files and folders. The sidebar on the right contains links to 'Code', 'Issues', 'Pull requests', 'Wiki', 'Pulse', 'Graphs', and 'Settings'. A blue arrow points to the 'Pull requests' link in the sidebar, which shows 14 pull requests.

Repository: zipfian / assessment-day1 (PRIVATE)

Unwatch 24 Star 0 Fork 137

Description: Short description of this repository

Website: Website for this repository (optional)

Save or Cancel

14 commits 3 branches 0 releases 2 contributors

branch: master assessment-day1 / +

update

gioravioli authored on Apr 3 latest commit e9b5bf45ff

code	update	4 months ago
data	SQL questions	a year ago
math	Add math assessment questions	a year ago
test	Reduce to 12 questions	a year ago
.gitignore	add git ignore	5 months ago
Makefile	python questions	a year ago
README.md	Update README.md	10 months ago

Code

Issues 0

Pull requests 14

Wiki

Pulse

Graphs

Settings

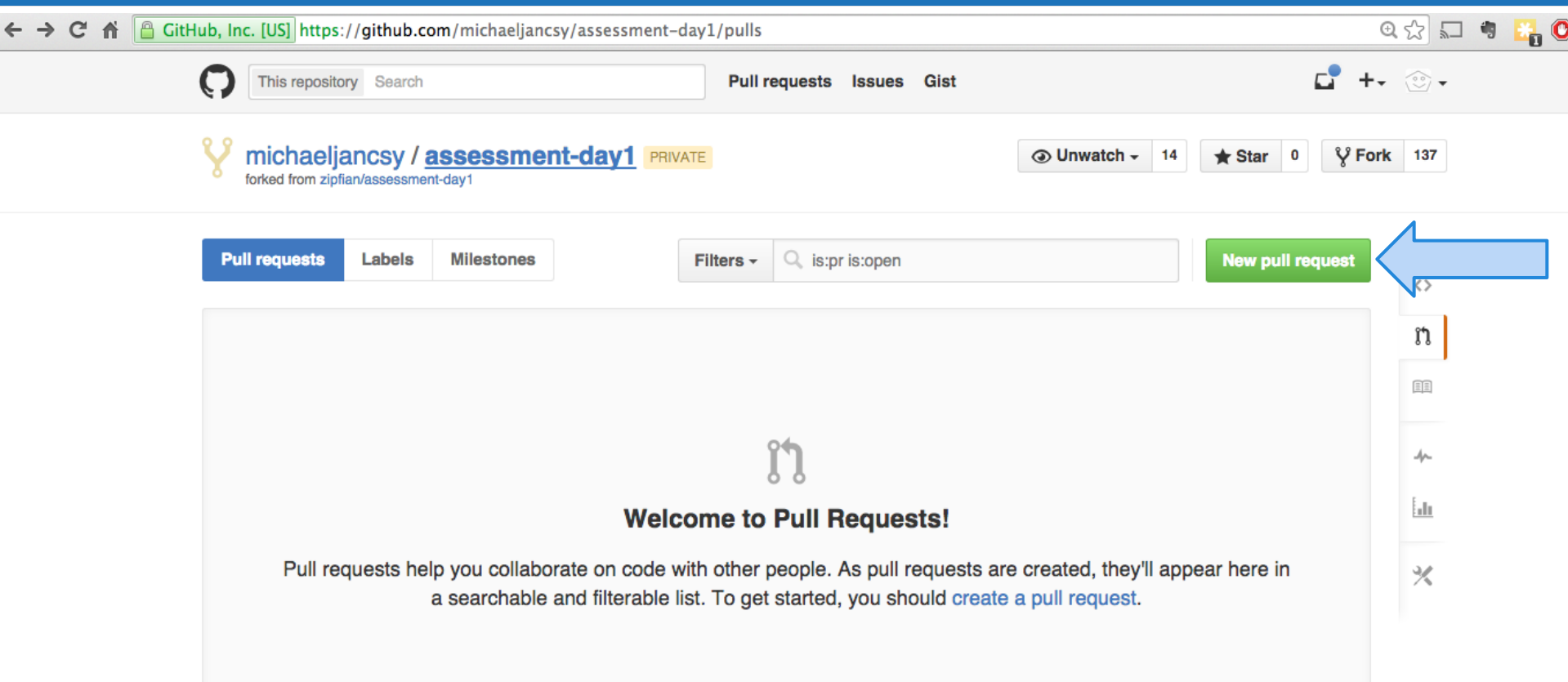
HTTPS clone URL

https://github.com/

You can clone with HTTPS, SSH, or Subversion.

Clone in Desktop

Create a Pull Request



The screenshot shows the GitHub web interface for the repository `michaeljancsy / assessment-day1`. The page is titled "Create a Pull Request" and displays the "Pull requests" tab. A large blue arrow points to the "New pull request" button. The main content area shows a "Welcome to Pull Requests!" message with a brief explanation of pull requests and a link to "create a pull request".


GitHub, Inc. [US] <https://github.com/michaeljancsy/assessment-day1/pulls>

This repository Search Pull requests Issues Gist

michaeljancsy / [assessment-day1](#) PRIVATE
forked from zipfian/assessment-day1

Unwatch 14 Star 0 Fork 137

Pull requests Labels Milestones Filters is:pr is:open New pull request



Welcome to Pull Requests!

Pull requests help you collaborate on code with other people. As pull requests are created, they'll appear here in a searchable and filterable list. To get started, you should [create a pull request](#).

Create a Pull Request

Select your fork as the “head fork”

The screenshot shows a GitHub web interface for a repository named 'zipfian / assessment-day1'. The page is titled 'Comparing changes' and shows a comparison between the 'base fork: zipfian/assessment-day1' and the 'head fork: michaeljancsy/assessment...'. A large blue arrow points to the 'head fork' dropdown menu. Below the comparison, there is a green button labeled 'View pull request' and a yellow box with a green button labeled 'Create new pull request'. The page also displays statistics: 2 commits, 2 files changed, 0 commit comments, and 1 contributor. At the bottom, there is a list of commits on Jul 17, 2015, by michaeljancsy.

base fork: **zipfian/assessment-day1** base: **master** ... head fork: **michaeljancsy/assessment...** compare: **master**

✓ Able to merge. These branches can be automatically merged.

done with assessment #130
No description available

View pull request

Create new pull request Create another pull request to discuss and review the changes again.

2 commits 2 files changed 0 commit comments 1 contributor

Commits on Jul 17, 2015

done with assessment	3b70bf6
done with assessment	c4edf9b

Create a Pull Request

Scroll down to see the changed files



The screenshot shows a GitHub pull request interface. The browser address bar displays the URL: <https://github.com/zipfian/assessment-day1/compare/master...michaeljancsy:master>. Below the address bar, a status bar indicates "Showing 2 changed files with 2 additions and 1 deletion." and tabs for "Unified" and "Split" views.

The first file, `code/assessment.py`, is shown with a diff view. The changes are as follows:

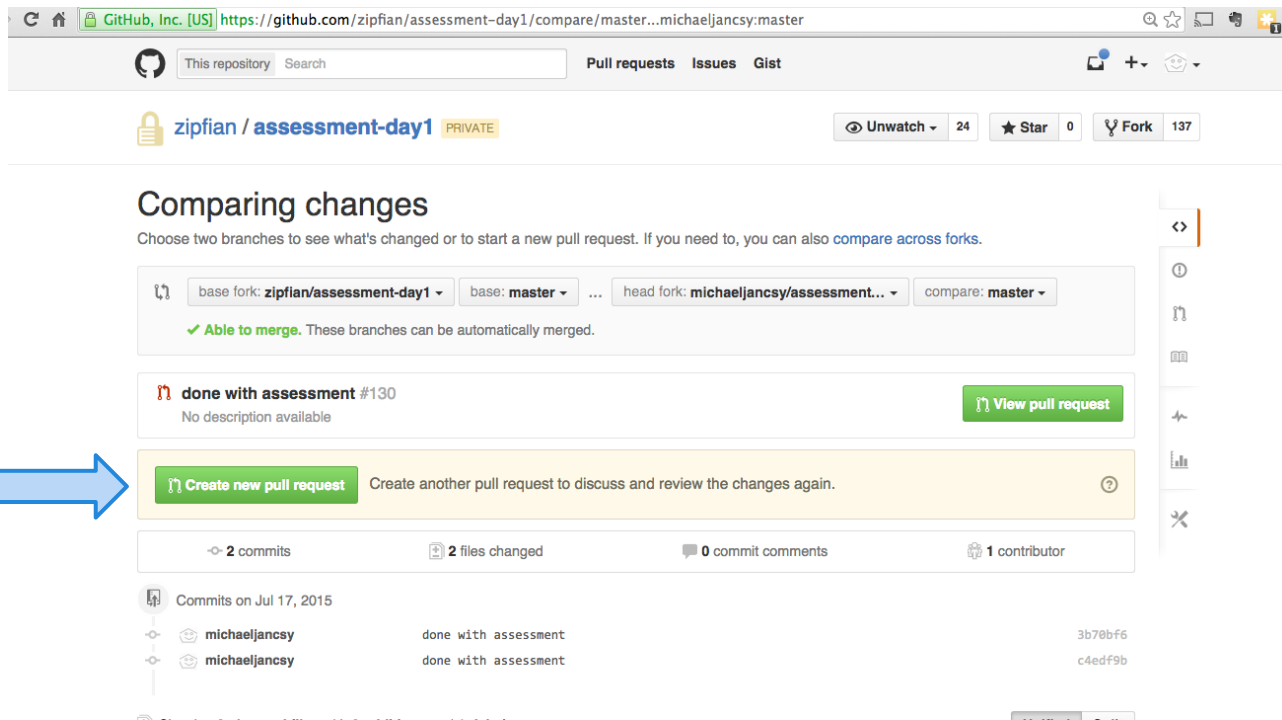
Line	Original	Modified
13	13	Characters which would have a count of 0 should not need to be included in
14	14	your dictionary.
15	15	...
16	- pass	+ return " THIS IS AN ANSWER "
17	17	
18	18	
19	19	def invert_dictionary(d):

The second file, `math/math_assessment.txt`, is shown with a diff view. The changes are as follows:

Line	Original	Modified
5	5	
6	6	
7	7	1. Partial derivative of y with respect to x
8	+ [THIS IS AN ANSWER]	
9		
10		
11		2. Xy

Create a Pull Request

Click “Create a new pull request”



The screenshot shows the GitHub interface for a pull request. At the top, the browser address bar shows the URL: `https://github.com/zipfian/assessment-day1/compare/master...michaeljancsy:master`. Below the address bar, the repository name `zipfian / assessment-day1` is displayed with a lock icon indicating it is private. To the right of the repository name are buttons for `Unwatch` (24), `Star` (0), and `Fork` (137). The main heading is `Comparing changes`, followed by a subtext: `Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks.`

Below this, there are two dropdown menus for selecting branches: `base fork: zipfian/assessment-day1` and `base: master`. To the right of these is a `head fork: michaeljancsy/assessment...` dropdown and a `compare: master` dropdown. A green checkmark indicates `✓ Able to merge. These branches can be automatically merged.`

Below the merge status, there is a section for the pull request itself, titled `done with assessment #130`. It shows `No description available` and a green button labeled `View pull request`.

A large blue arrow points to a yellow box at the bottom of the page. This box contains a green button labeled `Create new pull request` and the text `Create another pull request to discuss and review the changes again.`

At the bottom of the page, there is a summary bar showing `2 commits`, `2 files changed`, `0 commit comments`, and `1 contributor`. Below this, a list of commits is shown for `Jul 17, 2015`, with two commits by `michaeljancsy` titled `done with assessment`.


Create a Pull Request

Type your full name as the title

 zipfian / **assessment-day1** PRIVATE

 Unwatch ▾ 24

 Star 0

 Fork 137

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 fork: **zipfian/assessment-day1** ▾

base: **master** ▾

...

head fork: **michaeljancsy/assessment...** ▾

compare: **master** ▾

✓ **Able to merge.** These branches can be automatically merged.



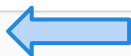
done with assessment #130

No description available

 **View pull request**



Title



Write

Preview

 Markdown supported

 Edit in fullscreen

Leave a comment

Labels



None yet

Milestone



No milestone

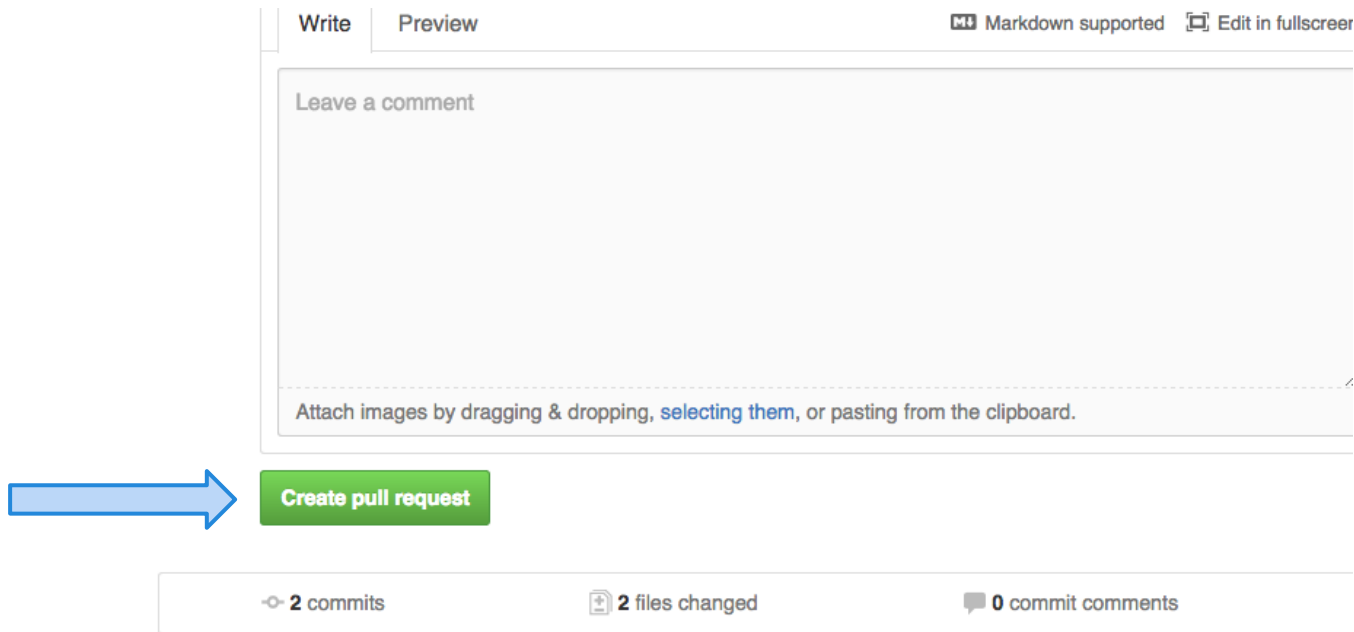
Assignee



No one—assign yourself

Create a Pull Request

Click “Create pull request”



The screenshot shows the GitHub interface for creating a pull request. At the top, there are tabs for 'Write' and 'Preview', and links for 'Markdown supported' and 'Edit in fullscreen'. Below these is a large text area with the placeholder 'Leave a comment'. At the bottom of the text area, there is a dashed line and the text 'Attach images by dragging & dropping, selecting them, or pasting from the clipboard.' Below the text area is a green button labeled 'Create pull request'. A blue arrow points to this button. At the bottom of the interface, there is a summary bar showing '2 commits', '2 files changed', and '0 commit comments'.

Write Preview Markdown supported Edit in fullscreen

Leave a comment

Attach images by dragging & dropping, [selecting them](#), or pasting from the clipboard.

Create pull request

2 commits 2 files changed 0 commit comments