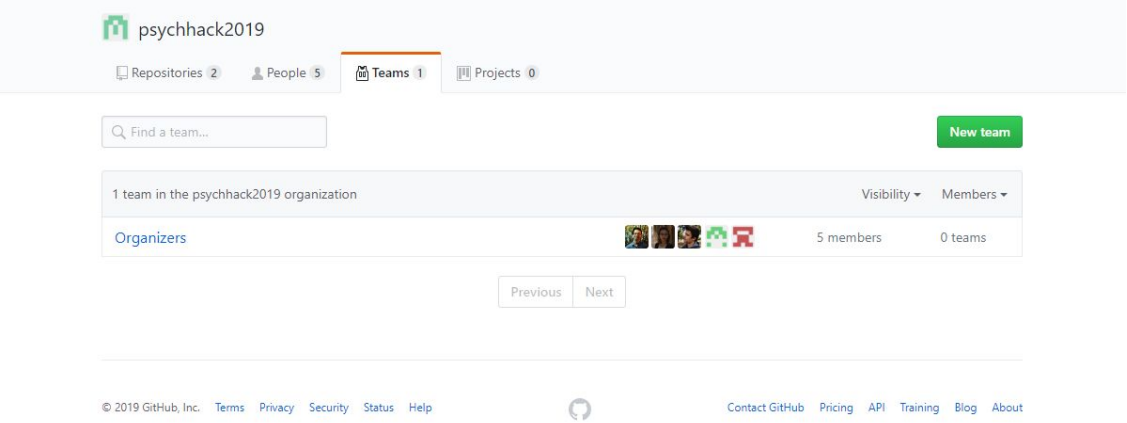
# Introduction to **GitHub**

# Getting started

1. Make a GitHub account https://github.com/
2. Join psychhack2019 organization
3. Make a new team



# What is Git(Hub)?

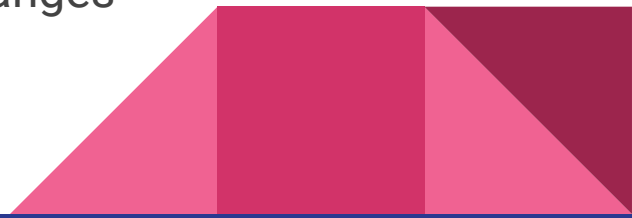
Distributed version control system - Git

Files are stored in a central location (GitHub)

Allows teams to collaborate on files

Branching from the master branch allows for testing of code before changes are merged back to the master

GitHub keeps a record of individual contributions and changes



# Using Git

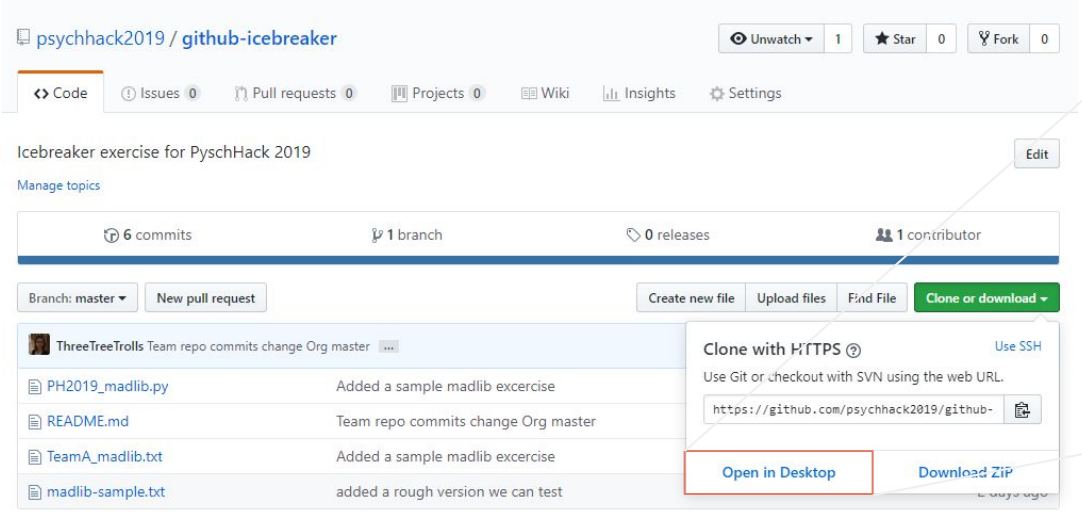
1. Download Git https://git-scm.com/

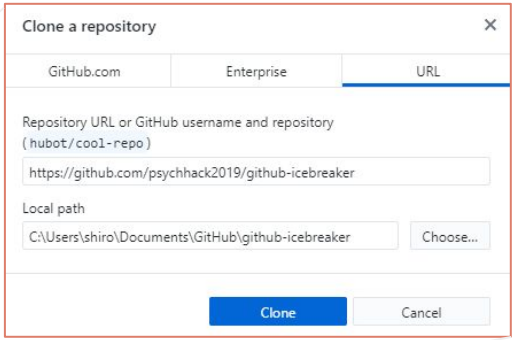
   GitDesktop https://help.github.com/en/desktop/getting-started-with-github-desktop

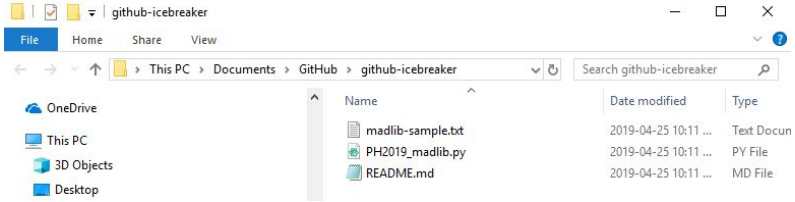
2. Go to this GitHub Classroom link https://classroom.github.com/g/ogUivO-2

3. Join or create new team for your group

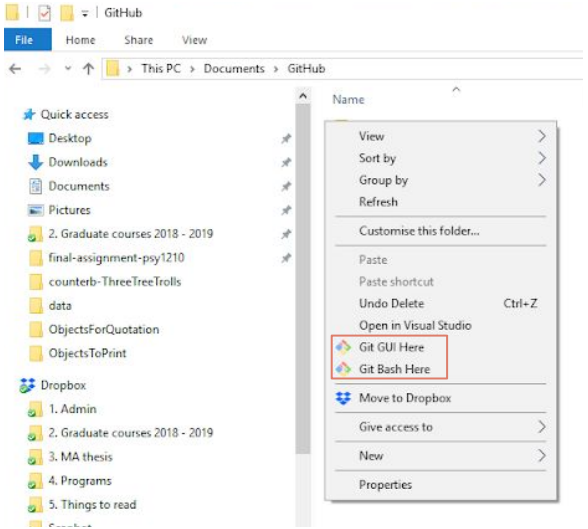
# 3a. Clone or download a local copy of the repository

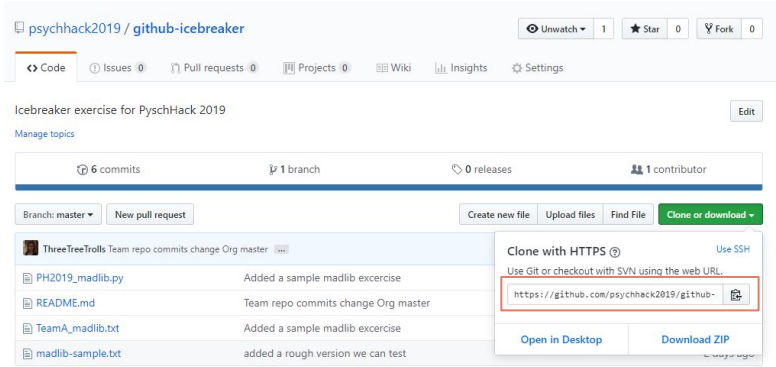


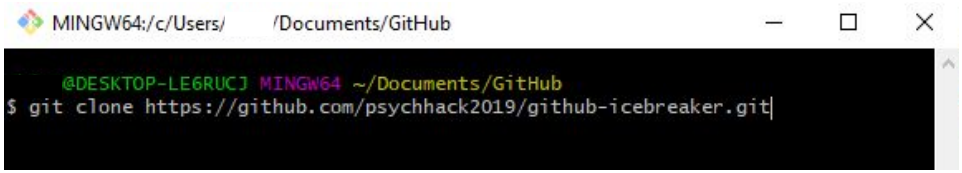



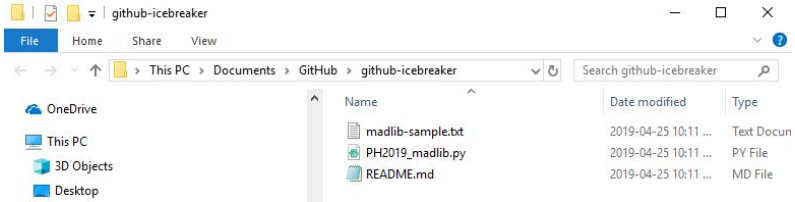



# 3b. Clone or download a local copy of the repository



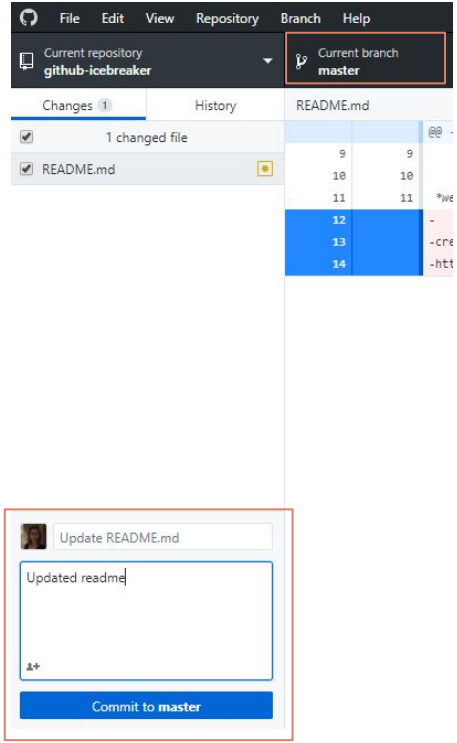



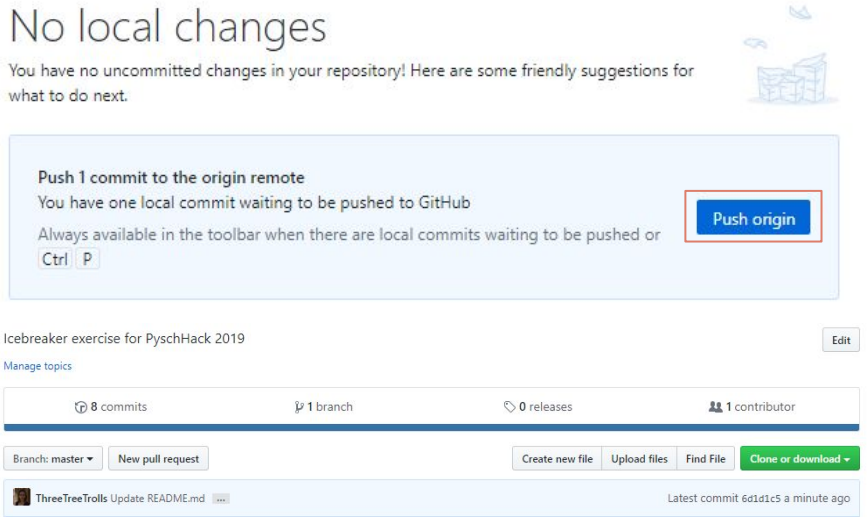



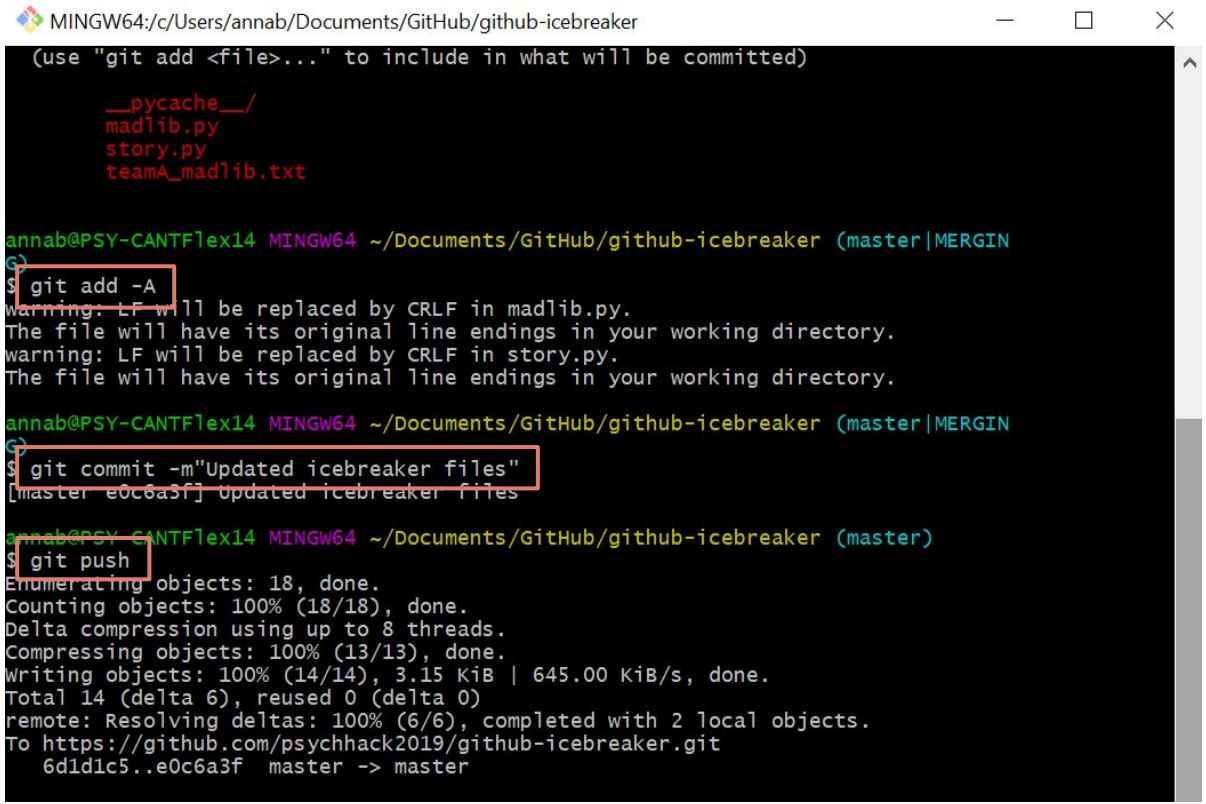
4. Make changes to local files

5a. Commit and push changes to desired branch



# 5b. Commit and push changes to desired branch

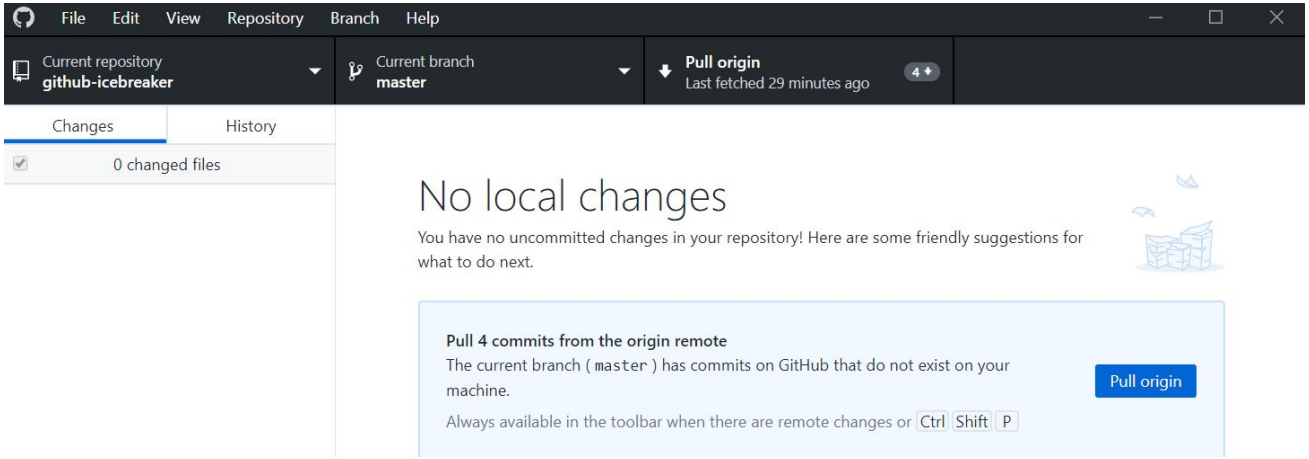


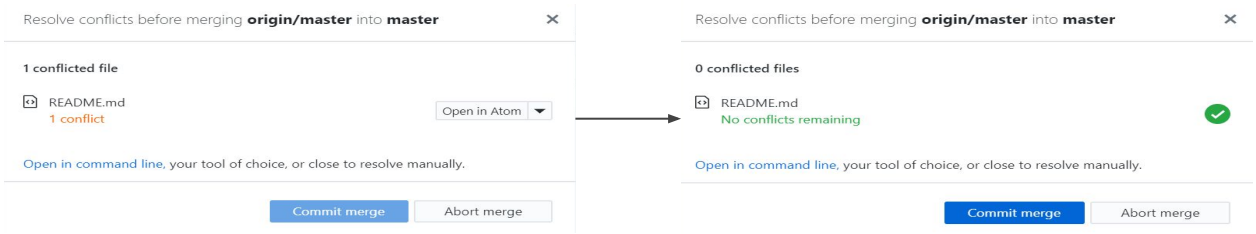

> git add

> git commit -m “notes”

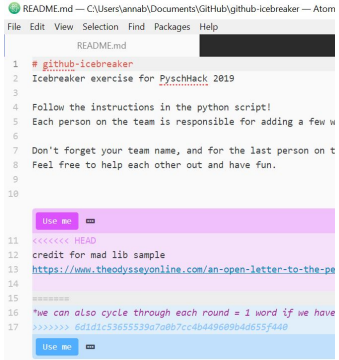
> git push

# 6a. Pull changes from the master



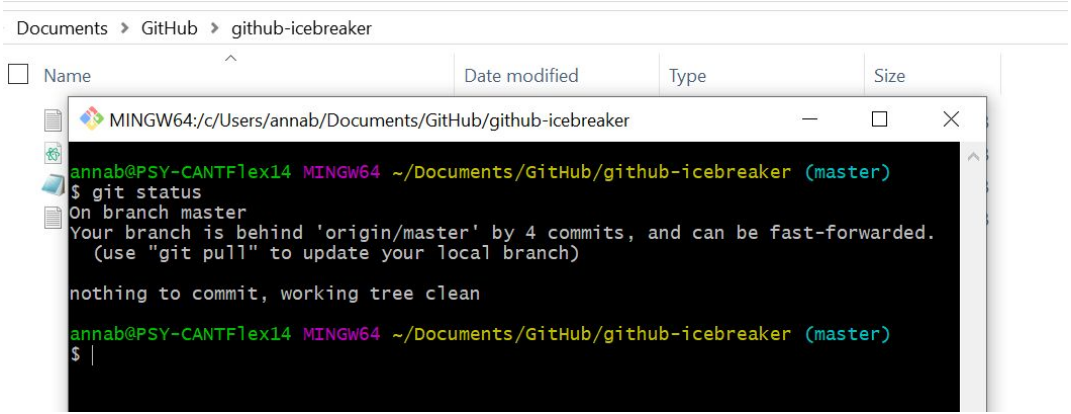

conflicting changes are resolved manually, this can be done using a text editor like Atom



# 6b. Pull changes from the master

> git status

> git pull




```
<<<<<<< HEAD
credit for sample
https://www.theodysseyonline.com/an-open-letter-to-the-people-who-dont-tip-their-servers

=======
*we can also cycle through each round = 1 word if we have less words
>>>>>>> 6d1d1c53655539a7a0b7cc4b449609b4d655f440
```

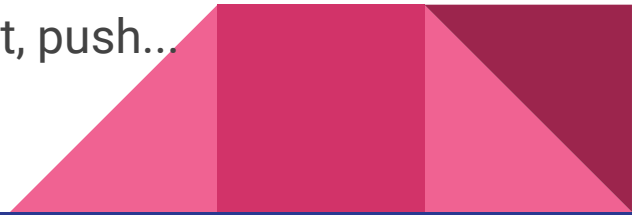
delete conflict markers & unnecessary changes

make new changes

```
<<<<<<< HEAD
credit for sample:
https://www.theodysseyonline.com/an-open-letter-to-the-people-who-dont-tip-their-servers
=======
*we can also cycle through each round = 1 word if we have less words
>>>>>>> 6d1d1c53655539a7a0b7cc4b449609b4d655f440
```

# Madlib relay!

You and your teammates will work together to complete a madlib story

1. Accept the invitation to the GitHub Classroom assignment
2. Make edits to the file, commit, and push in a team relay race
3. When your team is done editing madlib.py have the last person run it
4. Check that the story text file has been generated successfully
5. Once your team is finished, have everyone sit back down

How the relay will work:
person 1: edit, commit, push > person 2: pull, edit, commit, push...