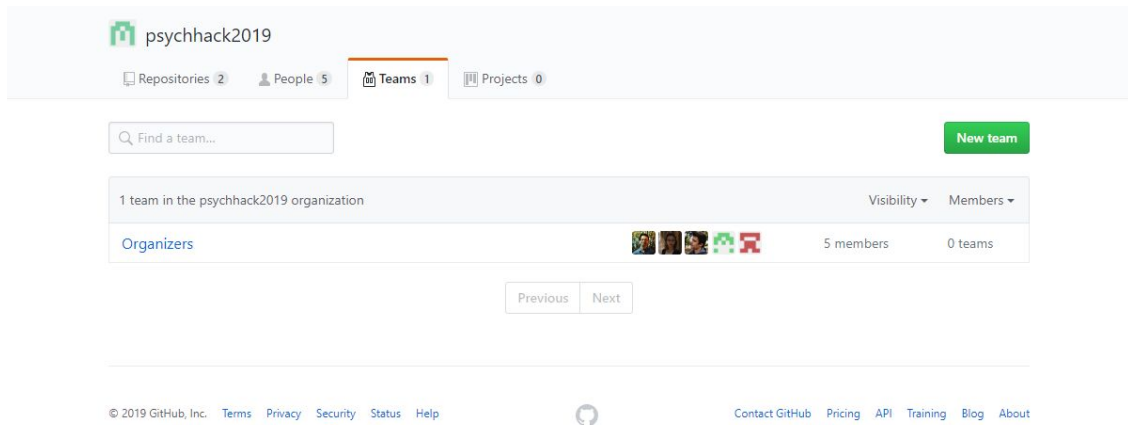


Introduction to **Git**Hub



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/ogUiv0-2>
3. Join or create new team for your group



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

psychhack2019 / github-icebreaker

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

Icebreaker exercise for PyschHack 2019

Manage topics

6 commits 1 branch 0 releases 1 contributor

Branch: master New pull request

Create new file Upload files Find File Clone or download

ThreeTreeTrolls Team repo commits change Org master

- PH2019_madlib.py Added a sample madlib exercise
- README.md Team repo commits change Org master
- TeamA_madlib.txt Added a sample madlib exercise
- madlib-sample.txt added a rough version we can test

Clone with HTTPS Use SSH

Use Git or checkout with SVN using the web URL.

https://github.com/psychhack2019/github-icebreaker

Open in Desktop Download ZIP

Clone a repository

GitHub.com Enterprise URL

Repository URL or GitHub username and repository (hubot/cool-repo)

https://github.com/psychhack2019/github-icebreaker

Local path

C:\Users\shiro\Documents\GitHub\github-icebreaker Choose...

Clone Cancel

github-icebreaker

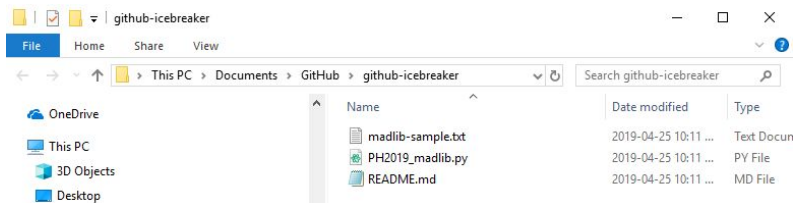
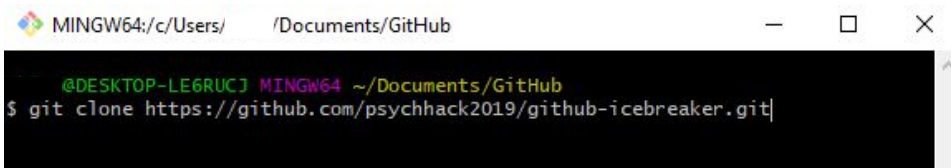
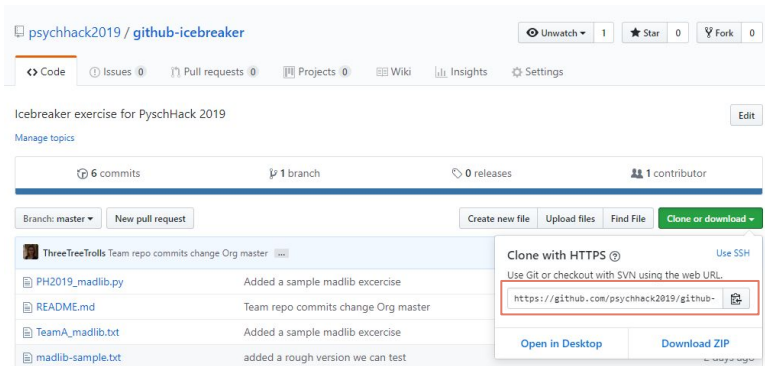
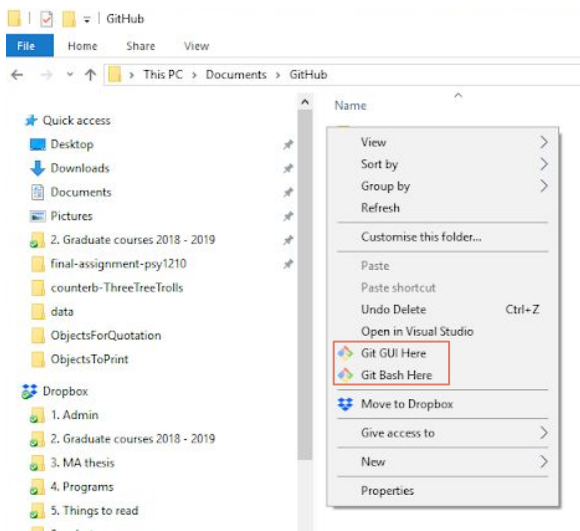
File Home Share View

This PC > Documents > GitHub > github-icebreaker

Search github-icebreaker

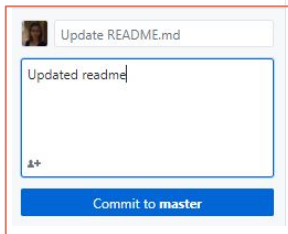
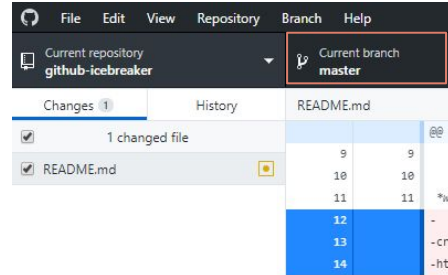
Name	Date modified	Type
madlib-sample.txt	2019-04-25 10:11 ...	Text Docun
PH2019_madlib.py	2019-04-25 10:11 ...	PY File
README.md	2019-04-25 10:11 ...	MD File

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



4. Make changes to local files

5a. Commit and push changes to desired branch



No local changes

You have no uncommitted changes in your repository! Here are some friendly suggestions for what to do next.



Push 1 commit to the origin remote

You have one local commit waiting to be pushed to GitHub

Always available in the toolbar when there are local commits waiting to be pushed or

Ctrl P

Push origin

Icebreaker exercise for PsychHack 2019

Edit

Manage topics

8 commits

1 branch

0 releases

1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

ThreeTreeTrolls Update README.md

Latest commit 6d1d1c5 a minute ago

5b. Commit and push changes to desired branch

```
MINGW64:/c/Users/annab/Documents/GitHub/github-icebreaker
(use "git add <file>..." to include in what will be committed)

__pycache__/
madlib.py
story.py
teamA_madlib.txt

annab@PSY-CANTFlex14 MINGW64 ~/Documents/GitHub/github-icebreaker (master|MERGIN
G)
$ git add -A
warning: LF will be replaced by CRLF in madlib.py.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in story.py.
The file will have its original line endings in your working directory.

annab@PSY-CANTFlex14 MINGW64 ~/Documents/GitHub/github-icebreaker (master|MERGIN
G)
$ git commit -m"Updated icebreaker files"
[master e0c6a3f] Updated icebreaker files

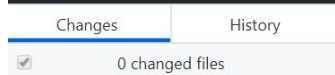
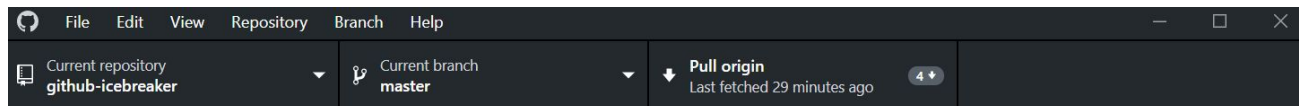
annab@PSY-CANTFlex14 MINGW64 ~/Documents/GitHub/github-icebreaker (master)
$ git push
Enumerating objects: 18, done.
Counting objects: 100% (18/18), done.
Delta compression using up to 8 threads.
Compressing objects: 100% (13/13), done.
Writing objects: 100% (14/14), 3.15 KiB | 645.00 KiB/s, done.
Total 14 (delta 6), reused 0 (delta 0)
remote: Resolving deltas: 100% (6/6), completed with 2 local objects.
To https://github.com/psychhack2019/github-icebreaker.git
6d1d1c5..e0c6a3f master -> master
```

> git add

> git commit -m "notes"

> git push

6a. Pull changes from the master



No local changes

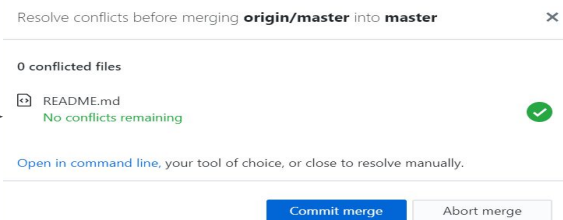
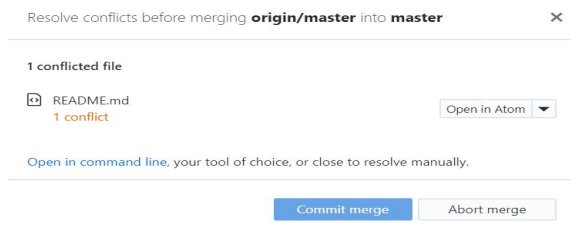
You have no uncommitted changes in your repository! Here are some friendly suggestions for what to do next.

Pull 4 commits from the origin remote

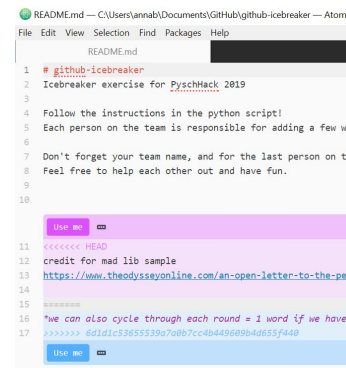
The current branch (master) has commits on GitHub that do not exist on your machine.

Always available in the toolbar when there are remote changes or **Ctrl Shift P**

Pull origin



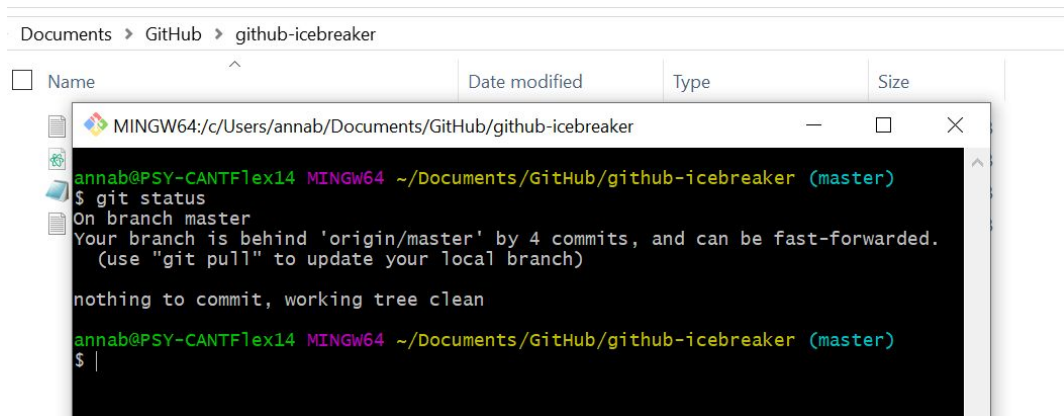
conflicting changes
are resolved manually,
this can be done using
a text editor like Atom



6b. Pull changes from the master

> git status

> git pull



The screenshot shows a Windows File Explorer window with the path 'Documents > GitHub > github-icebreaker'. Below it is a terminal window titled 'MINGW64:/c/Users/annab/Documents/GitHub/github-icebreaker'. The terminal shows the output of the 'git status' command:

```
annab@PSY-CANTFlex14 MINGW64 ~/Documents/GitHub/github-icebreaker (master)
$ git status
On branch master
Your branch is behind 'origin/master' by 4 commits, and can be fast-forwarded.
(use "git pull" to update your local branch)

nothing to commit, working tree clean

annab@PSY-CANTFlex14 MINGW64 ~/Documents/GitHub/github-icebreaker (master)
$ |
```

```
<<<<<< 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

```
<<<<<< 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
```

make new changes

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...

