

# **GIT SETUP!**

Michael Keba

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# HAVE YOU FINISHED BASIC GIT CONFIGS?

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## *1. Basic configuration of git:*

```
# Set your username
```

```
$ git config --global user.name "Your Name Here"
```

```
# Set your email address
```

```
$ git config --global user.email "your_name@domain.com"
```

## *2. Check your configuration settings:*

```
$ git config --global user.name
```

```
$ git config --global user.email
```

## *3. #winning! Now, on to our Github setup...*

# GITHUB SETUP FOR THIS COURSE

*In your browser, go to: [https://github.com/ga-students/DAT\\_SF\\_10](https://github.com/ga-students/DAT_SF_10)*

← → ↺

GitHub, Inc. [US]

https://github.com/ga-students/DAT\_SF\_10

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ga-students / DAT\_SF\_10

👁 Watch ▾

42

★ Star

3

🍴 Fork

5

Repository for data science 10 course

🕒 13 commits

🌿 1 branch

🏷 0 releases

👤 2 contributors

🔄

🌿 branch: master ▾

DAT\_SF\_10 / +

☰

HW1

👤 ghego authored 15 minutes ago

latest commit ac5ddf7157 📄

📁 Labs

updated lab2 and added new lab3

16 hours ago

📁 Lectures

HW1

15 minutes ago

📁 Misc

Lecture 1, 2 and syllabus

2 days ago

<> Code

📄 Issues

0

🔗 Pull Requests

0

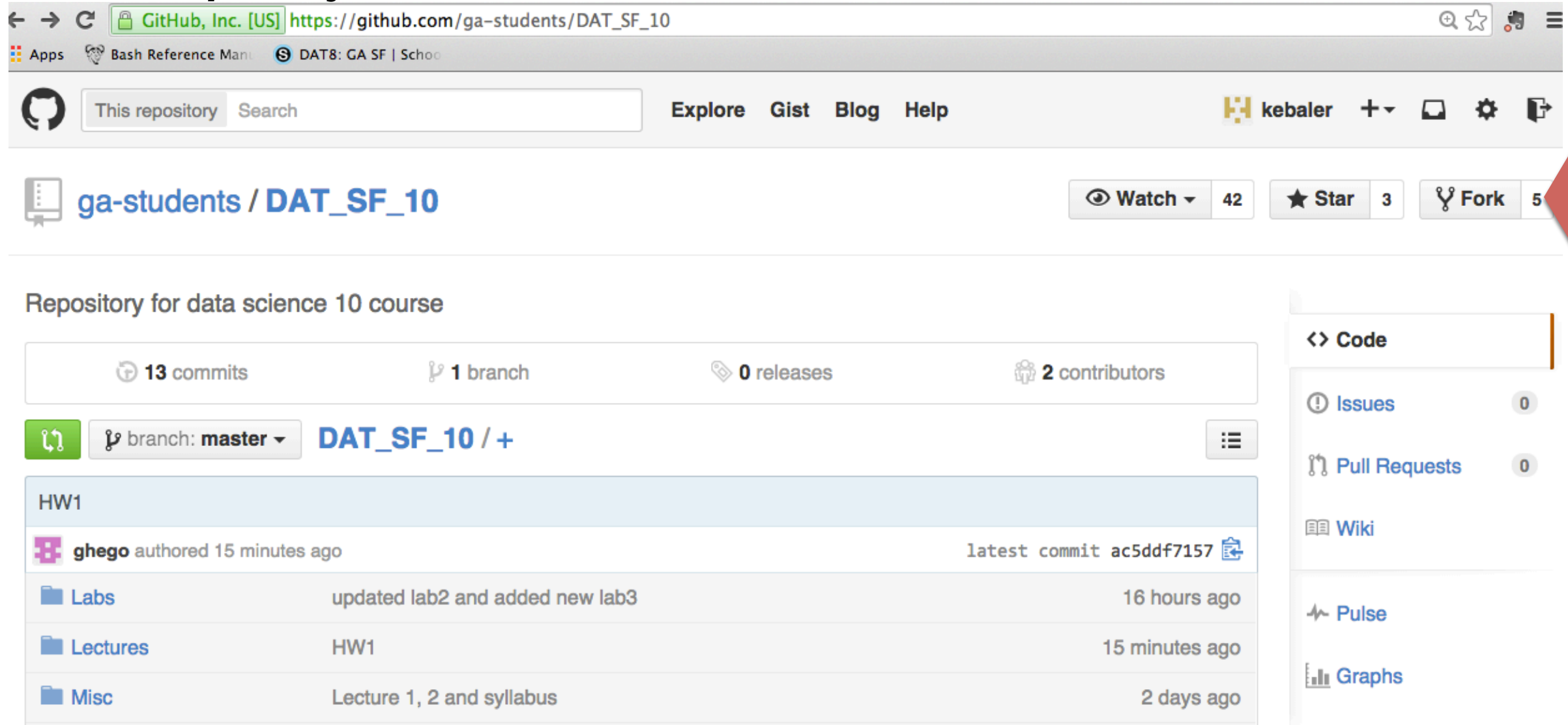
📖 Wiki

📶 Pulse

📊 Graphs

# GITHUB SETUP FOR THIS COURSE

*Fork this repo to your own Github account*



The screenshot shows the GitHub interface for the repository `ga-students / DAT_SF_10`. The repository is described as "Repository for data science 10 course". It has 13 commits, 1 branch, 0 releases, and 2 contributors. The current branch is `master`. The repository contains three folders: `Labs`, `Lectures`, and `Misc`. A large red arrow points to the `Fork` button, which has 5 forks.

Repository for data science 10 course

13 commits 1 branch 0 releases 2 contributors

branch: `master` **DAT\_SF\_10** / +

HW1

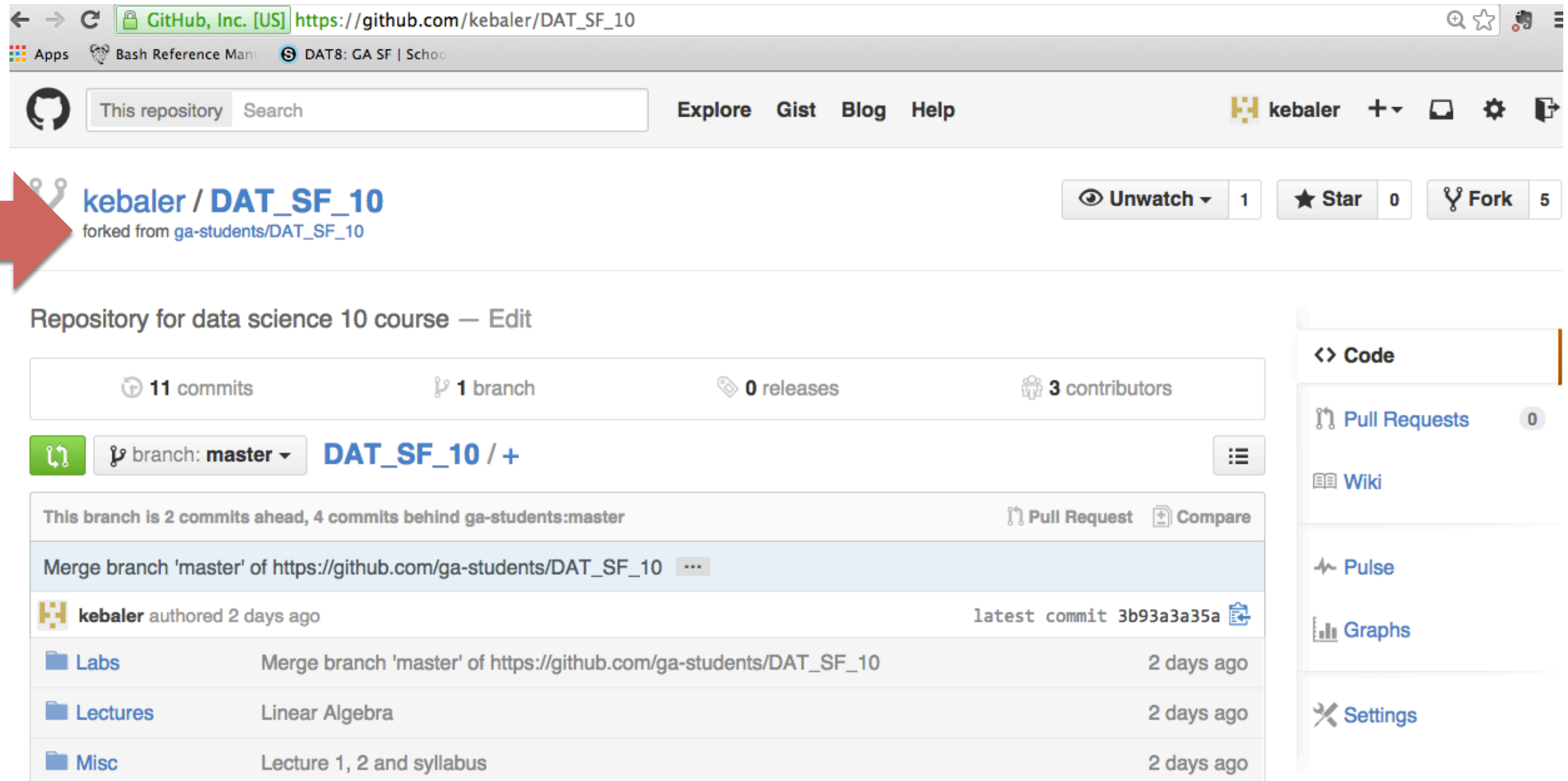
ghego authored 15 minutes ago latest commit `ac5ddf7157`

Labs	updated lab2 and added new lab3	16 hours ago
Lectures	HW1	15 minutes ago
Misc	Lecture 1, 2 and syllabus	2 days ago

Issues 0 Pull Requests 0 Wiki Pulse Graphs

# GITHUB SETUP FOR THIS COURSE

*You should see a fork under YOUR Github account:*



The screenshot shows a web browser window with the GitHub website. The address bar displays the URL [https://github.com/kebaler/DAT\\_SF\\_10](https://github.com/kebaler/DAT_SF_10). The page header includes the GitHub logo, a search bar, and navigation links: Explore, Gist, Blog, and Help. The user profile 'kebaler' is visible in the top right corner. A large red arrow points to the repository name 'kebaler / DAT\_SF\_10', which is noted as 'forked from ga-students/DAT\_SF\_10'. To the right of the repository name are buttons for 'Unwatch' (1), 'Star' (0), and 'Fork' (5). Below the repository name, the text 'Repository for data science 10 course — Edit' is displayed. A summary bar shows '11 commits', '1 branch', '0 releases', and '3 contributors'. A green 'Clone' button is followed by a dropdown menu showing 'branch: master' and the repository name 'DAT\_SF\_10 / +'. Below this, a status bar indicates 'This branch is 2 commits ahead, 4 commits behind ga-students:master' with links for 'Pull Request' and 'Compare'. A merge message is shown: 'Merge branch 'master' of https://github.com/ga-students/DAT\_SF\_10'. The commit is attributed to 'kebaler' and dated '2 days ago', with the latest commit hash '3b93a3a35a'. A file list on the left includes 'Labs' (Merge branch 'master' of https://github.com/ga-students/DAT\_SF\_10, 2 days ago), 'Lectures' (Linear Algebra, 2 days ago), and 'Misc' (Lecture 1, 2 and syllabus, 2 days ago). On the right sidebar, there are links for 'Code', 'Pull Requests' (0), 'Wiki', 'Pulse', 'Graphs', and 'Settings'.

GitHub, Inc. [US] [https://github.com/kebaler/DAT\\_SF\\_10](https://github.com/kebaler/DAT_SF_10)

Apps Bash Reference Man DAT8: GA SF | Schoo

This repository Search Explore Gist Blog Help kebaler + ▾

kebaler / **DAT\_SF\_10**  
forked from ga-students/DAT\_SF\_10

Unwatch ▾ 1 ★ Star 0 Fork 5

Repository for data science 10 course — Edit

11 commits 1 branch 0 releases 3 contributors

branch: master ▾ **DAT\_SF\_10** / +

This branch is 2 commits ahead, 4 commits behind ga-students:master Pull Request Compare

Merge branch 'master' of [https://github.com/ga-students/DAT\\_SF\\_10](https://github.com/ga-students/DAT_SF_10) ...

kebaler authored 2 days ago latest commit 3b93a3a35a

Labs	Merge branch 'master' of <a href="https://github.com/ga-students/DAT_SF_10">https://github.com/ga-students/DAT_SF_10</a>	2 days ago
Lectures	Linear Algebra	2 days ago
Misc	Lecture 1, 2 and syllabus	2 days ago

Code

Pull Requests 0

Wiki

Pulse

Graphs

Settings

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## GITHUB SETUP FOR THIS COURSE

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***Next, we will clone your newly forked repo to your local machine.***

- 1. Navigate to your GeneralAssembly directory (under which we will be doing all of our work). Create this on your desktop if you want.*
- 2. cd into that GeneralAssembly directory.*
- 3. Copy the clone url for the repo from its Github page.*
- 4. Back in the terminal, type:*  

```
git clone https://github.com/<YOUR USERNAME>/DAT_SF_10.git
```
- 5. Your forked repo will download to your local machine.*

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## GITHUB SETUP FOR THIS COURSE

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***Next, we will create a link to the instructor repo so that you can easily get the latest course materials:***

1. *In the terminal, add an “upstream remote” by typing:*

```
git remote add instructor https://github.com/ga-students/  
DAT_SF_10.git
```

2. *Verify that we have successfully added both remotes by typing:*

```
git remote -v
```

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## GITHUB SETUP FOR THIS COURSE

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***To post files to your forked repository on Github:***

- 1. Create a test file in the homework folder of your cloned Github repo. An empty text file will work for this.*
- 2. Now type:*  
`git status`
- 3. To add the file to the staging area, type:*  
`git add <filename>`
- 4. Again, type:*  
`git status`



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## GITHUB SETUP FOR THIS COURSE

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***To post files to your forked repository on Github:***

1. *Next, commit the files you just added to the staging area by typing:*

```
git commit -m "Adding test file"
```

2. *Now type:*


```
git status
```


3. *To push your commits up to your Github account (in the cloud):*


```
git push -u origin master
```


# HAVE YOU FINISHED BASIC GIT CONFIGS?

*Now, go to your forked repo on Github, and you should see your file!*



 **kebaler / DAT\_SF\_10**  
forked from ga-students/DAT\_SF\_10

 Unwatch ▾ 1



 Star 0

 Fo



branch: master ▾ **DAT\_SF\_10 / Homework / +**


 

This branch is 7 commits ahead of ga-students:master

 Pull Request  Compare


adding test

 **kebaler** authored 22 seconds ago latest commit 4a04b477eb 

 HW1


HW1

5 minutes ago

 README.md

Homework folder

15 minutes ago

 test.rtf

adding test

22 seconds ago