

Homework Overview

How to Get The Homework, Do It, and Turn It In

GOALS

- ✓ How to Download the homework assignments.
- ✓ How to do the homework
- ✓ How to turn in your homework via Github or email

1. How to Download the Homework

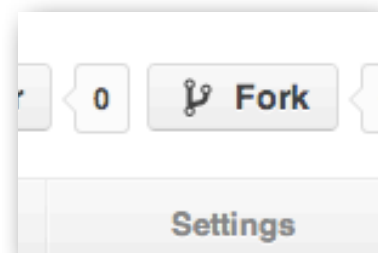
In order to be able to do your homework, you must retrieve a copy of the homework code. All of the homework consists of incomplete code that you must finish. Unit tests are provided so that you can grade your homework before you even turn it in.

You have two options for retrieving the homework code.

OPTION 1: USE THE GIT UTILITY

This is the preferred option because it will be easiest for both you and me.

1. Install the *git* utility on your computer. You can check if it's installed by running ***git --version*** from your command shell.
2. Get a free Github.com account.
3. Sign into your Github account.
4. Go to the class code repository at <https://github.com/cspp52553/homework>
5. Click the *Fork* button in the upper-right corner.
6. You should now have your own copy of the homework repository. You can now modify the code in your copy without affecting the original repository.
7. Clone your fork onto your local computer. Start at your home folder (for example) and then something like:



```
git clone https://github.com/{myusername}/homework
```

8. If all went well you should now have a subdirectory by the same name:

```
cd homework  
ls -l
```

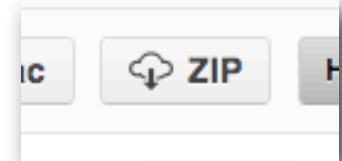
9. If you need to get an updated version of the assignments:

```
git pull
```

OPTION 2: DOWNLOAD A ZIP FILE

You don't need a Github account nor the use the git utility for this option.

1. Go to the class code repository at <https://github.com/cspp52553/homework>
2. Click the "ZIP" button to download the entire homework folder.



2. How to Do The Homework

Each week's worth of homework is contained in its own subfolder containing a README file of assignment instructions, some prewritten application code, and unit test code.

1. Read the README file that's in each folder for instructions.
2. Grading is automated. The unit tests assess whether all of the coding requirements have been met. To run the tests, just invoke the *rake* utility

```
rake
```

3. How to Turn In Your Homework

It's easy to turn in your homework but the exact method depends on whether you chose to go with a Github account or download a zip file.

If you have a Github account, simply commit your changes and push them to Github:

```
git add -A  
git commit -m "Homework completed"  
git push
```

If you run into any problems pushing your code back to your Github account, contact the instructor or a TA as soon as possible.

If you downloaded a ZIP file, you'll need to create a new zip file of the entire homework folder, and email it directly to the instructor.