

Assignment 1: GitHub Classroom

Software Engineering for Scientists

Objectives: Become familiar with Git and GitHub.

Tasks:

1. Accept the assignment at <https://classroom.github.com/a/JIikPROp>
2. Clone the repository
3. Make a branch
4. Fix any issues in `math_lib.py`
5. Update `README.md` to summarize your changes
6. Commit changes to the branch with useful commit messages
7. Push to your local branch to your remote repository, create a pull request, merge the pull request
8. In a new branch (don't forget to move your local repository back to main and pull the new changes)
 - a. add the add function to `math_lib.py`
 - b. create new file `calculate.py` that uses both methods
 - c. create a new file `run.sh` that runs `calculate.py`
9. Repeat steps 5-7.
10. Create a release from main tagged as v1.0

Hints:

In order to pull your file `math_lib.py` into the `calculate.py` file, you can use “import” followed by the file name (no extension) at the top of your python file. You can choose any name as your import as, here I have used the abbreviation “ml”.

```
import math_lib as ml
```

Then in order to use your functions, you will just call them from the `math_lib` module using your extension, for example:

```
x3 = ml.add(3,2)
x4 = ml.div(34,2)
```