Assignment 2: Python Refresher
Software Engineering for Scientists

Objectives: Become familiar with Python.

Tasks:

1. Accept the assignment https://classroom.github.com/a/oQi7O4AA
2. Clone the repository
3. In the root directory of the repository (i.e., after you `cd python_refresher`), add the agricultural CO2 emission data file called `Agrofood_co2_emission.csv` in the Assignments > Data Google Drive folder

DO NOT COMMIT THIS FILE TO YOUR REPO

4. Make a branch
5. Complete the implementation of `get_column()` in `my_utils.py` such that
    a. `get_column()` opens the file named `file_name` and processes it line by line
    b. for each line
        i. split the line into an array
        ii. check to see if the value in the `query_column` position of the array matches the value stored in the `query_value` variable
        iii. when the above condition is met, add the value in the `result_column` position to an array
    c. return the array storing the column values
6. Commit changes to the branch with useful commit messages
7. Update `print_fires.py` to correctly use `get_column()` to print the number of fires in United States of America (or any other country of your choice)
8. Commit changes to the branch with useful commit messages
9. Improve `get_column()` to use a named argument for the `result_column` variable that defaults to 1
10. Update `print_fires.py` to correctly use new `get_column()`
11. Create a new file `run.sh` that runs`print_fires.py`
12. Update `README.md` to summarize your changes
13. Commit changes to the branch with useful commit messages
14. Push the branch to your repository
15. Create a pull request from that branch
16. Merge the pull request
17. Create a release from master tagged as v1.0