

# CSC 223, Spring 2020, Assignment 2

**Purpose:** Basic Python Scripting

**Due:** 11:59pm, Friday, February 14, 2020

## Get the assignment code

These instructions assume that your course git repository is set up. Change into your course repository directory and enter the following commands.

```
git fetch assignments
git checkout assignments/master -- assignment2
git commit -a
```

This will copy the `assignment2` directory into your working directory, start tracking the files in the `assignment2` directory, and commit those files to your local git repository.

## Assignment Description

Complete the Python script named `assignment2.py`. This script computes the mean, range, and variance of a sequence of floating point numbers contained in a file. The script contains incomplete function definitions; you need to write code to complete the functions. A description of what must be done is listed in comments that start with `TODO`.

Note, that you must not import any libraries other than `sys` for this assignment. If you do so, then you will receive a failing grade for this assignment.

## Turning in the Assignment

To turn in the assignment execute the following git commands:

```
git commit -a
git push origin master
```

Note: the most recent commit before the due date will be considered your official submission.

## Grading Criteria

- Concise, accurate documentation following the CSC Department documentation guidelines
- Correct implementation of the specification

Note: If your code does not run on the Python 3 interpreter, then you will receive a failing grade for this assignment.