# The Git Challenge

**(2 points.)** To start, run `python new-homework.py none git-challenge`

**Background.** Git is a powerful, versatile, and popular system for distributed version control. But many of the concepts—and much of the language—take some time to get used to. The best way to get comfortable with Git is to practice on simple versions of some common tasks. You will have a chance to practice using Git throughout the semester, but some concentrated practice early will help you use it much more effectively and happily.

This exercise takes you through a scavenger hunt in which you use Git and a few simple shell commands to find clues that take you from step to step. The steps here combine practice with **reading** of various tutorial descriptions and documentation. You **should read** the referenced documentation **first** before jumping to Google! Our goal is for you to better understand the core ideas of Git by doing this challenge.

**Task.** Do the following:

1. Visit the repository `https://github.com/36-750/git-challenge`

2. Follow the instructions in the README file to get started. Remember, **do not** clone the `git-challenge` repository inside your assignments repository! Put it somewhere else, such as in your `s750` directory:

   ```
   cd ~/s750
   git clone https://github.com/36-750/git-challenge.git
   ```

3. Work through the end of step 9 in the challenge. The final clue you get in that step will contain a phrase.

4. Submit this homework assignment (see instructions on the course website) with two text files. The first file, named `ANSWER.txt`, should contain the phrase you found. In the second file, named `Reflection.txt`, briefly describe your current understanding of Git: what is most confusing, what you feel confident in, what you feel needs more work.

**Requirements.**

☐ Do the instructed steps through Step 9.

☐ Submit an assignment with the final clue entered in a single text file and a reflection in a second text file. (Please do not submit Word or PDF files, just plain text files.)