

Deliverable 3

Team experiences:

After brainstorming about how to construct our testing framework, we decided that creating a text handler to deal with the information inside the txt test files would streamline the process a bit. Though we will have to pipeline the information stream more times than if we did not use a text handler type scenario, having a file with a specific function with a single function to handle the same process multiple times makes logical sense. We were unable to create a text handler in time for today's deliverable, but we are in the process of completing it.

Architect of testing framework:

We have a "master" script file that initializes the test case handler .py files. The test case handler will call to a text handler to access the individual test files. The text handler assesses the individual .txt test files, and outputs the necessary input information back to the test case handler. Using the input from the text handler, the test handler executes, and at the end, generates a new .txt results file for each test case result output. There will be a total of 5 test case handlers, and each handler will be deal with 5 input files and output 5 new text files. The text handler will be called by every test case handler, in order to streamline the process. By the end, there will be documented output for each of the test cases, detailing if the tests were successful.

How to use:

Have the latest version of ubuntu/linux.

Download the sugar-labs calculate activity, and have access to the functions.py file.

Download our file testing directory, and run it from the bash command line terminal.