

Lab report

I imitate tutor unit testing framework for first question (test_add), then I know the unit testing needs create a test class and adding following code to file “if __name__ == '__main__':” codes. I need to know whether my code run correct or not, then I need to write self.assertEqual(expected, test_result, “msg”) in class function for checking. If the test fail, it will print the “msg”, otherwise it shows the code pass the test.

However, the most difficulties in unit testing is task 3, because I need to write a target to store the information and let a function as a parameter to pass the test. Fixing code is also difficult, because I need to understand the framework of the code and modify it.

For this lab, I know how to use unit test and how to write it, as well as that I can fix code by unit test result. This lab helps me to understand how to be looking for errors in particular object in isolation, and know how to write arrange, act, assert. The unit tests let my code more accurate because I can efficiently find the error.