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SSW 567 HW01 Deliverable 3

**Question 1**: What challenges did you encounter with this assignment, if any?

Answer:

* Was confused about the data type of input to be expected.

**Question 2**: What did you think about the requirements specification for this assignment?

Answer: I feel requirements weren’t complete because of the following reasons mentioned below:

* The data type of input was not clearly mentioned to be of type float.
* The format of the string output of the function classify\_triangle( ) was not mentioned clearly, this would’ve been confusing to the testers of what to expect as a correct output from the code written by the developers to use with the function assertEqual( ).
* The format or what was expected in the output.txt file which acts as a report of the test was not mentioned clearly in the requirements.

**Question 3**: What challenges did you encounter with the tools?

Answer:

* Faced issues with correctly importing the unittest library and setting the main function.
* Initially the terminal output of the unit test was hard to understand in order to file errors in the test function.

**Question 4**: Describe the criteria you used to determine that you had sufficient test cases, i.e. how did you know you were done?

Answer: To test the correct implementation of each validation of input and classification of the triangle, I tried to test all the bad and good routes of the function by giving it erroneous input and correct inputs as well. For example: Giving a str as an input, negative value as well as all correct inputs of a valid triangle. Even tested the correct comparison of the type float with precision of 2 which can be seen in my “ouput.txt” file.