**Assignment Description**: Testing a legacy program and reporting on testing results

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**Summary**: When I ran the test cases on the original classifyTriangle() function none of them passed. I had the update the function to get any of them to return the correct results. Once I updated the function, I realized the I needed an additional test case for non triangles.

I enjoyed this assignment. The only part that gave me difficulty was the not a triangle aspect but that was mostly because I’m rusty on my geometry.

**Honor pledge: I pledge my honor I have abided by the Stevens Honor System.**

**Detailed results, if any:**

**Here is a table outlining the results of my tests conducted before and after I updated the** classifyTriangle() function.

|  |  |  |
| --- | --- | --- |
|  | Test Run 1 | Test Run 2 |
| Tests Planned | 2 | 2 |
| Tests Executed | 5 | 6 |
| Tests Passed | 0 | 6 |
| Defects Found | 5 | 0 |
| Defects Fixed | 0 | 5 |

This code has the constraint that input values must be less than 200 and greater than 0. They must also be integers.

I used 3,4,5; 5,3,4; 1,1,1; 5,3,5; 7,12,15; and 1,2,3 as input length sets.

I’ve also uploaded my code, test and test reports. I used Visual Studio Code with the python extension to run and edit the code. I made the test reports in Microsoft Word.