1. **Assignment Description**:  the results of running my test set against the initial buggy implementation of classifyTriangle in the origianl ***Triangle.py***

2. **Author**: Zhe Sun

3. **Summary**: the original test results

- all failed apart from the not a triangle.

- reflection – why all the return is InvalidInput, it is very wired

5. **Honor pledge: the profesoor who is delivering this course to us**

6. **Detailed results, if any: No**

Very initial, from the begining

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | **Input** | **Expected Results** | **Actual Result** | **Pass or Fail** |
| 01 | 3，4，5 | Right | InvalidInput | F |
| 02 | 5,3,4 | Right | InvalidInput | F |
| 03 | 1,1, | Equilateral | InvalidInput | F |

Using my testcases

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | **Input** | **Expected Results** | **Actual Result** | **Pass or Fail** |
| 01 | 4, 4, 3 | Isosceles | InvalidInput | F |
| 4, 4, 4 | Equilateral | InvalidInput | F |
| 02 | 1, math.sqrt(2), 1 | Isosceles Right | InvalidInput | F |
| 5, 12, 13 | Scalene right | InvalidInput | F |
| 03 | 3, 8, 9 | Scalene | InvalidInput | F |
| 8, 3, 9 | Scalene | InvalidInput | F |
| 8, 8, 9 | Isosceles | InvalidInput | F |
| 04 | 5, 13, 12 | Scalene Right | InvalidInput | F |
| 1, math.sqrt(2), 1 | Isosceles Right | InvalidInput | F |
| 05 | 1, 1, 4 | InvalidInput | InvalidInput | P |
| 1, 4, 1 | InvalidInput | InvalidInput | P |
| -1, 4, 1 | InvalidInput | InvalidInput | P |
| 06 | 1, 1, 1 | Equilateral | InvalidInput | F |
| 4, 4, 1 | Isosceles | InvalidInput | F |

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| --- | --- | --- | --- |
|  | Test Run 1 | Test Run2 | …. |
| Tests Planned | To test invalid lengths of triangle, Isosceles, Equilateral, Isosceles Right, Scalene right, Scalene, triangle clarification |  |  |
| Tests Executed | All the test as planned |  |  |
| Tests Passed | Invalid lengths of the triangle |  |  |
| Defects Found | All the output is invalidInput, that is not correct,although pass some testcase, but that is not correct. |  |  |
| Defects Fixed | No, will fix in the second run period. |  |  |