**Part 1: Testing the initial buggy code.**Initially, all the test cases failed because of an error in the function. The condition says to return InvalidInputs when b<=b which is every input instance.

| **Test ID** | **Input** | **Expected Results** | **Actual Result** | **Pass or Fail** |
| --- | --- | --- | --- | --- |
| **TC-01** | (1,1,1) | **‘Equilateral’** | **‘Not A Trianlge’** | **Fail** |
| **TC-02** | (3,4,5) | ‘Right’ | ‘Invalid Input’ | **Fail** |
| **TC-03** | (1,2,3) | ‘Scalene’ | ‘Invalid Input’ | **Fail** |
| **TC-04** | (2,2,1) | ‘Isosceles’ | ‘Not A Triangle’ | **Fail** |
| **TC-05** | (0,300,2) | ‘InvalidInput’ | ‘InvalidInput’ | **Pass** |
| **TC-06** | (-1,20,1) | ‘InvalidInput’ | ‘InvalidInput’ | **Pass** |