

| Test ID | Input | Expected Results | Actual Result | Pass or Fail |
|-----------------------------|-------------|------------------|---------------|--------------|
| TestInvalidInput_01 | 1,0,3 | InvalidInput | InvalidInput | Pass |
| TestInvalidInput_02 | 1,3,0 | InvalidInput | InvalidInput | Pass |
| TestInvalidInput_03 | 0,3,1 | InvalidInput | InvalidInput | Pass |
| TestInvalidInput_04 | 201,1,3 | InvalidInput | InvalidInput | Pass |
| TestInvalidInput_05 | 1,201,3 | InvalidInput | InvalidInput | Pass |
| TestInvalidInput_06 | 1,3,201 | InvalidInput | InvalidInput | Pass |
| TestInvalidInput_07 | a,1,1 | InvalidInput | InvalidInput | Pass |
| TestInvalidInput_08 | 1,a,1 | InvalidInput | InvalidInput | Pass |
| TestInvalidInput_09 | 1,1,a | InvalidInput | InvalidInput | Pass |
| TestNotATriangle_01 | 1,1,3 | NotATriangle | NotATriangle | Pass |
| TestNotATriangle_02 | 3,1,1 | NotATriangle | NotATriangle | Pass |
| TestNotATriangle_03 | 1,3,1 | NotATriangle | NotATriangle | Pass |
| testRightTriangle_01 | 3,4,5 | Right | Right | Pass |
| testRightTriangle_02 | 5,3,4 | Right | Right | Pass |
| testRightTriangle_03 | 3,5,4 | Right | Right | Pass |
| testIsocelesTriangle_01 | 2,1,1 | Isoceles | Isoceles | Pass |
| testIsocelesTriangle_02 | 1,2,1 | Isoceles | Isoceles | Pass |
| testIsocelesTriangle_03 | 1,1,2 | Isoceles | Isoceles | Pass |
| testScaleneTriangles_01 | 2,3,4 | Scalene | Scalene | Pass |
| testScaleneTriangles_02 | 2,4,3 | Scalene | Scalene | Pass |
| testScaleneTriangles_03 | 4,3,2 | Scalene | Scalene | Pass |
| testEquilateralTriangles_01 | 1,1,1 | 'Equilateral' | 'Equilateral' | Pass |
| testEquilateralTriangles_02 | 100,100,100 | 'Equilateral' | 'Equilateral' | Pass |

Result:

```
PS C:\Users\Administrator\Downloads\HW02a> &
C:/Users/Administrator/AppData/Local/Microsoft/windowsApps/python3.10.exe
c:/Users/Administrator/Downloads/HW02a/TestTriangle-1.py
==*== Rongda Kang ==*==
==*== Course 2023S-SSW567-WS ==*==
==*== Assignment Name: HW-02a Testing Lagacy Porgram ==*==
```

```
==*=*= 2023-02-10 23:50:13.917572 function was called ==*=*=
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```
Running unit tests
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```
Ran 23 tests in 0.001s
```

```
OK
```

```
PS C:\Users\Administrator\Downloads\HW02a>
```