

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	TypeError	Failed
TestInvalidInput_08	1,a,1	InvalidInput	TypeError	Failed
TestInvalidInput_09	1,1,a	InvalidInput	TypeError	Failed
TestNotATriangle_01	1,1,3	NotATriangle	InvalidInput	Failed
TestNotATriangle_02	3,1,1	NotATriangle	NotATriangle	Pass
TestNotATriangle_03	1,3,1	NotATriangle	NotATriangle	Pass
testRightTriangle_01	3,4,5	Right	InvalidInput	Failed
testRightTriangle_02	5,3,4	Right	Right	Pass
testRightTriangle_03	3,5,4	Right	Right	Pass
testIsocelesTriangle_01	2,1,1	Isoceles	InvalidInput	Failed
testIsocelesTriangle_02	1,2,1	Isoceles	Isoceles	Pass
testIsocelesTriangle_03	1,1,2	Isoceles	Isoceles	Pass
testScaleneTriangles_01	2,3,4	Scalene	InvalidInput	Failed
testScaleneTriangles_02	2,4,3	Scalene	Scalene	Pass
testScaleneTriangles_03	4,3,2	Scalene	Scalene	Pass
testEquilateralTriangles_01	1,1,1	'Equilateral'	InvalidInput	Fail
testEquilateralTriangles_02	100,100,100	'Equilateral'	'Equilateral'	Pass

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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 23:46:36.675128 function was called ==*==

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Running unit tests
FF.....EEEEEEEEEEEEEEEE
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ERROR: testInvalidInput_07 (__main__.TestTriangles)
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Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 42, in
testInvalidInput_07
    self.assertEqual(classifyTriangle('a',1,1),'InvalidInput','a,1,1 is not a
triangle')
  File "c:\Users\Administrator\Downloads\HW02a\TriangleA.py", line 31, in
classifyTriangle
    if a > 200 or b > 200 or c > 200:
TypeError: '>' not supported between instances of 'str' and 'int'

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ERROR: testInvalidInput_08 (__main__.TestTriangles)
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Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 44, in
testInvalidInput_08
    self.assertEqual(classifyTriangle(1,'a',1),'InvalidInput','1,a,1 is not a
triangle')
  File "c:\Users\Administrator\Downloads\HW02a\TriangleA.py", line 31, in
classifyTriangle
    if a > 200 or b > 200 or c > 200:
TypeError: '>' not supported between instances of 'str' and 'int'

=====
ERROR: testInvalidInput_09 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 46, in
testInvalidInput_09
    self.assertEqual(classifyTriangle(1,1,'a'),'InvalidInput','1,1,a is not a
triangle')
  File "c:\Users\Administrator\Downloads\HW02a\TriangleA.py", line 31, in
classifyTriangle
    if a > 200 or b > 200 or c > 200:
TypeError: '>' not supported between instances of 'str' and 'int'

=====
FAIL: testEquilateralTriangles_01 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 84, in
testEquilateralTriangles_01
    self.assertEqual(classifyTriangle(1,1,1),'Equilateral','1,1,1 should be
equilateral')
AssertionError: 'InvalidInput' != 'Equilateral'
- InvalidInput
+ Equilateral
: 1,1,1 should be equilateral

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FAIL: testEquilateralTriangles_02 (__main__.TestTriangles)
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Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 86, in
testEquilateralTriangles_02
    self.assertEqual(classifyTriangle(100,100,100),'Equilateral','100,100,100
should be equilateral')
AssertionError: 'InvalidInput' != 'Equilateral'
- InvalidInput
+ Equilateral
: 100,100,100 should be equilateral

=====
FAIL: testIsocelesTriangle_01 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 67, in
testIsocelesTriangle_01
    self.assertEqual(classifyTriangle(2,3,3),'Isoceles','2,3,3 should be
isoceles')
AssertionError: 'InvalidInput' != 'Isoceles'
- InvalidInput
+ Isoceles
: 2,3,3 should be isoceles

=====
FAIL: testIsocelesTriangle_02 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 69, in
testIsocelesTriangle_02
    self.assertEqual(classifyTriangle(3,2,3),'Isoceles','3,2,3 should be
isoceles')
AssertionError: 'InvalidInput' != 'Isoceles'
- InvalidInput
+ Isoceles
: 3,2,3 should be isoceles

=====
FAIL: testIsocelesTriangle_03 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 71, in
testIsocelesTriangle_03
    self.assertEqual(classifyTriangle(3,3,2),'Isoceles','3,3,2 should be
isoceles')
AssertionError: 'InvalidInput' != 'Isoceles'
- InvalidInput
+ Isoceles
: 3,3,2 should be isoceles

=====
FAIL: testNotaTriangle_01 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 50, in
testNotaTriangle_01
    self.assertEqual(classifyTriangle(1,1,3),'NotATriangle','1,1,3 is
NotATriangle')
AssertionError: 'InvalidInput' != 'NotATriangle'

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- InvalidInput
+ NotATriangle
: 1,1,3 is NotATriangle

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FAIL: testNotaTriangle_02 (__main__.TestTriangles)
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Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 52, in
testNotaTriangle_02
    self.assertEqual(classifyTriangle(3,1,1), 'NotATriangle', '3,1,1 is
NotATriangle')
AssertionError: 'InvalidInput' != 'NotATriangle'
- InvalidInput
+ NotATriangle
: 3,1,1 is NotATriangle

=====
FAIL: testNotaTriangle_03 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 54, in
testNotaTriangle_03
    self.assertEqual(classifyTriangle(1,3,1), 'NotATriangle', '1,3,1 is
NotATriangle')
AssertionError: 'InvalidInput' != 'NotATriangle'
- InvalidInput
+ NotATriangle
: 1,3,1 is NotATriangle

=====
FAIL: testRightTriangle_01 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 59, in
testRightTriangle_01
    self.assertEqual(classifyTriangle(3,4,5), 'Right', '3,4,5 is a Right
triangle')
AssertionError: 'InvalidInput' != 'Right'
- InvalidInput
+ Right
: 3,4,5 is a Right triangle

=====
FAIL: testRightTriangle_02 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 61, in
testRightTriangle_02
    self.assertEqual(classifyTriangle(5,3,4), 'Right', '5,3,4 is a Right
triangle')
AssertionError: 'InvalidInput' != 'Right'
- InvalidInput
+ Right
: 5,3,4 is a Right triangle

=====
FAIL: testRightTriangle_03 (__main__.TestTriangles)

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Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 63, in
testRightTriangle_03
    self.assertEqual(classifyTriangle(3,5,4),'Right','3,5,4 is a Right
triangle')
AssertionError: 'InvalidInput' != 'Right'
- InvalidInput
+ Right
: 3,5,4 is a Right triangle

=====
FAIL: testScaleneTriangles_01 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 76, in
testScaleneTriangles_01
    self.assertEqual(classifyTriangle(2,3,4),'Scalene','2,3,4 should be
scalene')
AssertionError: 'InvalidInput' != 'Scalene'
- InvalidInput
+ Scalene
: 2,3,4 should be scalene

=====
FAIL: testScaleneTriangles_02 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 78, in
testScaleneTriangles_02
    self.assertEqual(classifyTriangle(2,4,3),'Scalene','2,4,3 should be
scalene')
AssertionError: 'InvalidInput' != 'Scalene'
- InvalidInput
+ Scalene
: 2,4,3 should be scalene

=====
FAIL: testScaleneTriangles_03 (__main__.TestTriangles)
-----
Traceback (most recent call last):
  File "c:\Users\Administrator\Downloads\HW02a\TestTriangle-1.py", line 80, in
testScaleneTriangles_03
    self.assertEqual(classifyTriangle(4,3,2),'Scalene','4,3,3 should be
scalene')
AssertionError: 'InvalidInput' != 'Scalene'
- InvalidInput
+ Scalene
: 4,3,3 should be scalene

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Ran 23 tests in 0.003s

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