

System Test Plan for TriangleType

The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C. You will need to fill in your Actual Results and write the three additional tests (highlighted in **yellow**).

Test ID	Description	Expected Results	Actual Results
Test-Invalid-Line	<i>Preconditions:</i> TriangleType program started	Not a valid triangle	Not a valid triangle
Author: Dr. Schmidt	Triangle program provides the type of any triangle. Please enter the lengths of sides a, b, and c. Enter a: 5 Enter b: 5 Enter c: 10		
Test-Invalid-NegativeA	<i>Preconditions:</i> TriangleType program started	Not a valid triangle	Not a valid triangle
Author: Dr. Schmidt	Triangle program provides the type of any triangle. Please enter the lengths of sides a, b, and c. Enter a: -5 Enter b: 5 Enter c: 5		
Test-Equilateral-Triangle	<i>Preconditions:</i> TriangleType program started	Equilateral triangle	Equilateral triangle
Author: Dr. Schmidt	Triangle program provides the type of any triangle. Please enter the lengths of sides a, b, and c. Enter a: 5 Enter b: 5 Enter c: 5		

Test ID	Description	Expected Results	Actual Results
Test-Scalene-Triangle Author: Benjamin Uy	<i>Preconditions:</i> TriangleType program started Triangle program provides the type of any triangle. Please enter the lengths of sides a, b, and c. Enter a: 10 Enter b: 11 Enter c: 13	Scalene triangle	Scalene triangle
Test-Isosceles-Triangle Author: Benjamin Uy	<i>Preconditions:</i> TriangleType program started Triangle program provides the type of any triangle. Please enter the lengths of sides a, b, and c. Enter a: 18 Enter b: 30 Enter c: 18	Isosceles triangle	Isosceles triangle
Test-Invalid-ZeroA Author: Emma Gould	<i>Preconditions:</i> TriangleType program started Triangle program provides the type of any triangle. Please enter the lengths of sides a, b, and c. Enter a: 0 Enter b: 5 Enter c: 7	Not a valid triangle	Not a valid triangle