

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

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