**Lab Session - Testing - Introduction**

**IT313: Software Engineering (Autumn 2023-24)**

**Question:** Write a set of test cases – specific set of data – to properly test a relatively Simple program. Create a set of test data for the program - data the program must handle correctly to be considered a successful program.

Format:

|  |  |
| --- | --- |
| Tester Action and Input Data | Expected Outcome |
|  |  |

Here’s a description of the program:

*“The program reads three integer values from an input dialog. The three values represent the lengths of the sides of a triangle. The program displays a message that states whether the triangle is scalene, isosceles, or equilateral”.*

***Code:*** The function triangle takes three integer parameters that are interpreted as the lengths of the sides of a triangle. It returns whether the triangle is equilateral (three lengths equal), isosceles (two lengths equal), scalene (no lengths equal), or invalid (impossible lengths).

