Python - Triangle Type

Purpose

This lab was designed to teach you how to make decisions in a program.

Description

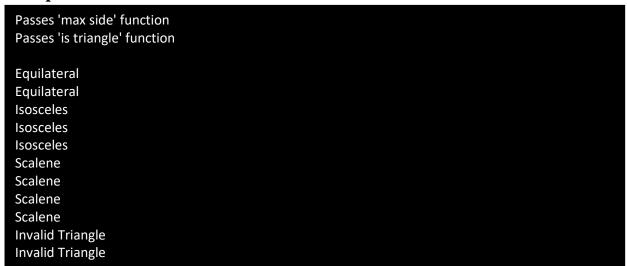
Implement a Python function print_triangle_type that takes 3 floating point numbers representing the sides of a triangle and prints out the type of the triangle. A triangle is **Equilateral** if all 3 sides are equal, **Isosceles** if two sides are equal, and **Scalene** if no sides are equal.

The triangle inequality theorem is a theorem in Euclidean geometry that requires that the sum of any two sides of a triangle be greater than the third side. The function should check the validity of the 3 arguments and prints **Invalid Triangle** if the 3 sides don't make a triangle.

Program Shell

triangle_type.py is provided for you

Sample Execution



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