**Description:**

Given the following initial code:

#include <iostream>

using namespace std;

void tempMain(){

//BEGIN <STUDENT ANSWER>

//END <STUDENT ANSWER>

return 0;

}

Suppose that the ***tempMain*** function is the ***main*** function of a C++ program. Write a program to read in 3 positive integers corresponding to 3 sides of a triangle (3 numbers are guaranteed to satisfy the condition to form a triangle). Print out to the screen the name of the triangle, namely: Equilateral triangle, Isosceles triangle, Right-angled triangle, or Scalene triangle. The program prints out in the format as the example below.

**Example**:

| **Input** | **Result** |
| --- | --- |
| 4 5 3 | The triangle is Right-angled. |
| 3 5 3 | The triangle is Isosceles. |