

Triangle Times

Problem Description

You have trouble remembering which type of triangle is which. You write a program to help. Your program reads in three side lengths in cm.

- If all three sides are equal, output Equilateral.
- If exactly two of the side are the same, output Isosceles.
- If no two sides are the same, output Scalene.

Input Specification

The input consists of three integers, each on a separate line.

Output Specification

Exactly one of Equilateral, Isosceles or Scalene will be printed on one line.

Sample Input 1 A? 3 B? 3 C? 3	Sample Input 2 A? 3 B? 4 C? 5
Output for Sample Input 1 Equilateral	Output for Sample Input 2 Scalene

Code.org Solution:

The screenshot shows the Code.org workspace with a JavaScript solution for the Triangle Times problem. The workspace is divided into three main sections: a preview window on the left, a toolbox in the middle, and a code editor on the right.

Preview Window: Shows a simple web interface with a text input field containing the text "id = answer" and a "Run" button.

Toolbox: Lists various UI controls and functions such as `textLabel(id, text)`, `dropdown(id, option1, etc)`, `getNumber(id)`, and `setNumber(id, number)`.

Code Editor: Contains the following JavaScript code:

```
1 var a = promptNum("Enter first side");
2 var b = promptNum("Enter second side");
3 var c = promptNum("Enter third side");
4 if (a==b && a==c) {
5   setText(▼"answer", "Equilateral");
6 } else if (a==b || b==c || a==c) {
7   setText(▼"answer", "Isosceles");
8 } else {
9   setText(▼"answer", "Scalene");
10 }
11
```

Scratch Solution:

