

Exam Prep Warmup #1: 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 angles (in degrees).

Your program determines whether the given triangle is equilateral, isosceles, or scalene.

If the three angles cannot form a triangle, an error will be shown.

Input Specification

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

If invalid input is received, the prompt should simply be repeated.

Output Specification

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

Sample Input/Output Session – 1 (user input is in **bold**)

```
Angle 1? 60  
Angle 2? 70  
Angle 3? 50  
Scalene
```

Sample Input/Output Session – 2 (user input is in **bold**)

```
Angle 1? 60  
Angle 2? 70  
Angle 3? 55  
Error
```

Sample Input/Output Session – 3 (user input is in **bold**)

```
Angle 1? foo  
Angle 1? 40  
Angle 2? 100  
Angle 3? 40  
Isosceles
```