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Points: 20

Submissions: 5449



Description

Triangle

Program Description

Write a program to check whether a triangle is Equilateral, Isosceles or Scalene.

1. A triangle is said to be Equilateral Triangle, if all its sides are equal. If a, b, c are three sides of triangle. Then, the triangle is equilateral only if `a == b == c`
2. A triangle is said to be Isosceles Triangle, if its two sides are equal. If a, b, c are three sides of triangle. Then, the triangle is isosceles if either `a == b` or `a == c` or `b == c`.
3. A triangle is said to be Scalene Triangle, if none of its sides are equal.

Input Format

A single line contains three sides of a Triangle S1, S2, S3.

Output Format

Display the output according to the description.

Constraints

$0 \leq a, b, c \leq 1000$

Input-1

13 9 8

Output-1

Scalene triangle

Input-2

10 10 10

Output-2

Equilateral triangle

Light

C - GCC 11.1.0 ▾

Timer 0:06 sec



```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,c;
5     scanf("%d %d %d",&a,&b,&c);
6     if(a==b&&b==c) printf("Equilateral
triangle");
7     else if(a==b||b==c||c==a) printf
("Isosceles triangle");
8     else printf("Scalene triangle");
9     return 0;
10 }
```

 Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	10 10 10	10 10 10	Equilateral triangle	Equilateral triangle	1408 KB	3.699 ms	Pass
2	8 8 14	8 8 14	Isosceles triangle	Isosceles triangle	1408 KB	2.592 ms	Pass

All hidden testcases passed



Contact

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Light



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