Write a query identifying the *type* of each record in the **TRIANGLES** table using its three side lengths. Output one of the following statements for each record in the table:

- **Equilateral**: It's a triangle with sides of equal length.
- **Isosceles**: It's a triangle with sides of equal length.
- **Scalene**: It's a triangle with sides of differing lengths.
- **Not A Triangle**: The given values of *A*, *B*, and *C* don't form a triangle.

Input Format

The **TRIANGLES** table is described as follows:

Column	Type
A	Integer
B	Integer
C	Integer

Each row in the table denotes the lengths of each of a triangle's three sides.

Sample Input

A	B	C
20	20	23
20	20	20
20	21	22
13	14	30

Sample Output

Isosceles
Equilateral
Scalene

Not A Triangle

Explanation

Values in the tuple form an Isosceles triangle, because .

Values in the tuple form an Equilateral triangle, because . Values in the tuple form a Scalene triangle, because .

Values in the tuple cannot form a triangle because the combined value of sides and is not larger than that of side .