

610. Triangle Judgement

Table: Triangle

+-----+-----+		
Column Name Type		
+-----+-----+		
x	int	
y	int	
z	int	
+-----+-----+		

In SQL, (x, y, z) is the primary key column for this table.

Each row of this table contains the lengths of three line segments.

Report for every three line segments whether they can form a triangle.

Return the result table in **any order**.

The result format is in the following example.

Example 1:

Input:

Triangle table:

+-----+-----+		
x y z		
+-----+-----+		
13 15 30		
10 20 15		
+-----+-----+		

Output:

+-----+-----+-----+			
x y z triangle			
+-----+-----+-----+			
13 15 30	No		
10 20 15	Yes		
+-----+-----+-----+			

**** Sum of any 2 sides should be greater than 3rd side, to form a triangle****

Write your MySQL query statement below

```
select x,y,z, if(x+y > z and y+z > x and x+z > y,'Yes','No')as triangle
from Triangle
```