

100 DAYS OF SQL

Day 2 – Advanced Select with CASE statement

Solved "Type of Triangle" question on the HackerRank

Used: MySQL

Question link: https://www.hackerrank.com/challenges/what-type-of-triangle/problem

```
Language: MySQL

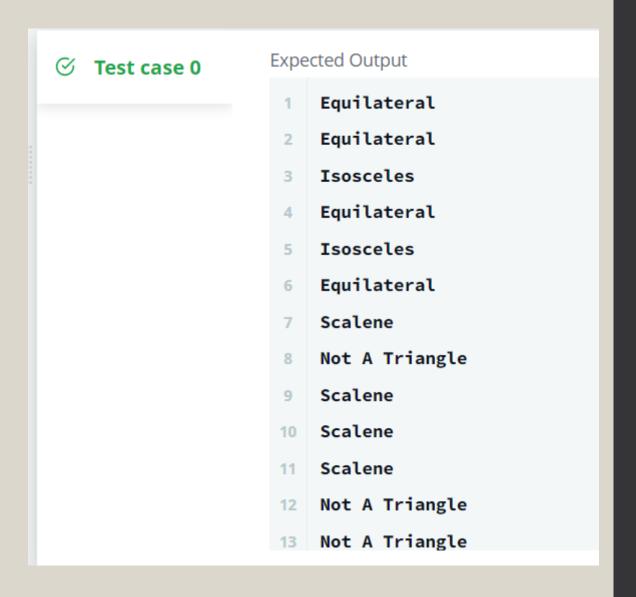
1  /*
2  Enter your query here.
3  */
4  SELECT
5  (CASE
6  when A + B <= C OR A + C <= B OR B + C <= A then "Not A Triangle"
7  when A = B and B = C then "Equilateral"
8  when A = B or B = C or A = C then "Isosceles"
9  else "Scalene"
10  end) as type
11  FROM TRIANGLES;
```

This is the query I wrote in HackerRank website

Sample input table - TRIANGLES

Α	В	С
20	20	23
20	20	20
20	21	22
13	14	30

Output of query on test case in Hackerrank



Local Implementation by creating the table TRIANGLES

Input – TRIANGLES table:

Α	В	С
20	20	23
20	20	20
20	21	22
13	14	30

Output:

