

## 100 DAYS OF SQL

Day 4 – Advanced Select with CASE statement and Correlated subquery

Solved "Binary tree nodes" question on the HackerRank

Used: MySQL

Question link: <a href="https://www.hackerrank.com/challenges/binary-search-tree-1/problem">https://www.hackerrank.com/challenges/binary-search-tree-1/problem</a>

This is the query I wrote in HackerRank website

### Sample input table - BST

N	P
1	2
3	2
6	8
9	8
2	5
8	5
5	null

#### Sample output

# 1 Leaf 2 Inner 3 Leaf 5 Root 6 Leaf 8 Inner 9 Leaf

#### Output of testcase in Hackerrank

<b>⊘</b> Test case 0	Expected Output		
	1	1 Leaf	
	2	2 Inner	
	3	3 Leaf	
	4	4 Inner	
	5	5 Leaf	
	6	6 Inner	
	7	7 Leaf	
	8	8 Leaf	
	9	9 Inner	
	10	10 Leaf	
	11	11 Inner	
	12	12 Leaf	
	42	12 Tunas	