

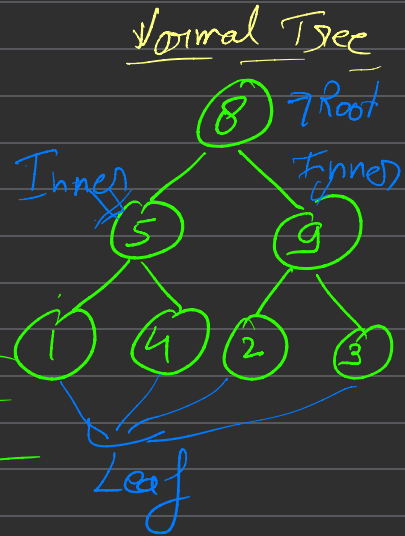
Uber SQL Query

tree(node int, parent int)

Output

node	Type
5	Inner
9	Inner
4	Leaf
2	Leaf
1	Leaf
3	Leaf
8	Root

node	Parent
5	8
9	8
4	5
2	9
1	5
3	9
8	Null



$A = \{ 1, 2, 3 \}^{(m)}$
 $B = \{ 4, 5, 6 \}^{(n)}$

Cross Join
 $(m \times n) = 3 \times 3$
 output $\Rightarrow 9$

