


938. Range Sum of BST

Solved 

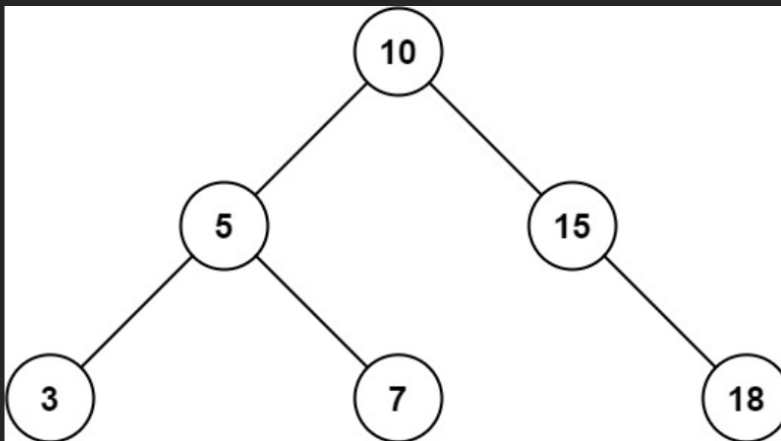
Easy

Topics

Companies

Given the `root` node of a binary search tree and two integers `low` and `high`, return the sum of values of all nodes with a value in the **inclusive** range `[low, high]`.

Example 1:



Input: `root = [10,5,15,3,7,null,18]`, `low = 7`, `high = 15`

Output: 32

Explanation: Nodes 7, 10, and 15 are in the range `[7, 15]`. $7 + 10 + 15 = 32$.

```
class Solution {
    fun rangeSumBST(_ root: TreeNode?, _ low: Int, _ high: Int) -> Int {
        var ans = 0

        fun inOrder(_ node: TreeNode? = root) {
            guard let node = node else { return }

            if node.val >= low && node.val <= high {
                ans += node.val
            }

            if node.val < high {
                inOrder(node.right)
            }

            if node.val > low {

```

```
        inOrder(node.left)
    }
}
inOrder()
return ans
}
}
```