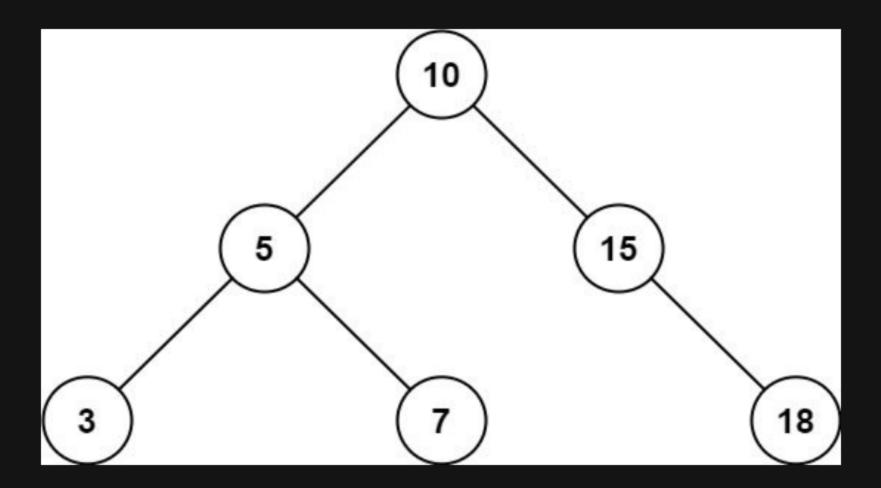
# 938. Range Sum of BST

## Description

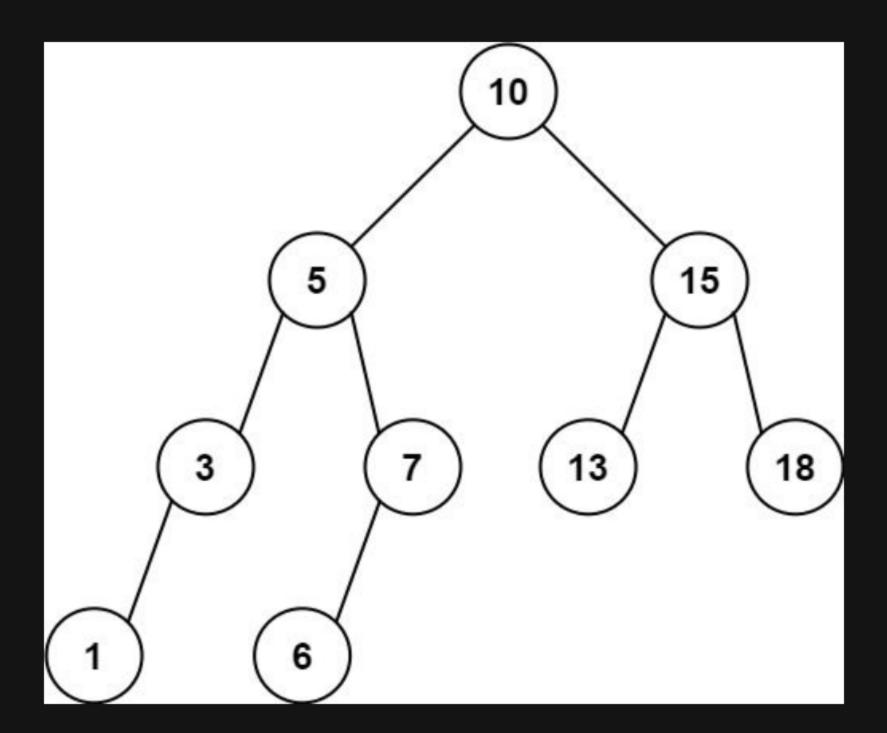
Given the root node of a binary search tree and two integers low and high, return the sum of values of all nodes with a value in the inclusive range [low, high].

#### 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.
```

#### Example 2:



```
Input: root = [10,5,15,3,7,13,18,1,null,6], low = 6, high = 10
Output: 23
Explanation: Nodes 6, 7, and 10 are in the range [6, 10]. 6 + 7 + 10 = 23.
```

### **Constraints:**

- The number of nodes in the tree is in the range [1, 2 \* 10 4].
- 1 <= Node.val <= 10<sup>5</sup>
- 1 <= low <= high <=  $10^{5}$
- All Node.val are unique.