```java
/*

    Time complexity: O(N)
    Space complexity: O(H)

    where N is the number of nodes in the input tree
    and H is the height of the input tree.
 */

import java.util.Queue;

public class Solution {

        public static int getSum(BinaryTreeNode<Integer> root) {
            if (root == null) {
                return 0;
            }

            int leftSum = getSum(root.left);
            int rightSum = getSum(root.right);

            return (leftSum + rightSum + root.data);
        }

}
```