**Sum of k smallest elements in BST**

Given a Binary Search Tree. Find sum of all elements smaller than and equal to Kth smallest element.

**Example 1:**

**Input:**

20

/ \

8 22

/ \

4 12

/ \

10 14 , K=3

**Output:** 22

**Explanation:**

Sum of 3 smallest elements are:

4 + 8 + 10 = 22

**Example 2:**

**Input:**

10

  / \

  5 11

  / \

 4 7

  \

  8 , K=2

**Output:** 9

**Explanation:**

The sum of two smallest elements

is 4+5=9.

**Your task:**

You don't need to read input or print anything. Your task is to complete the function **sum()**which takes the **root node** and an **integer K** as input parameters and returns the sum of all elements smaller than and equal to kth smallest element.

**Expected Time Complexity:** O(K)

**Expected Auxiliary Space:** O(1)

**Constraints:**  
1<=Number of nodes in BST<=100  
1<=K<=N