BST 3

Assignment Questions

1. Convert BST to greater tree   LEETCODE:-538

Given the root of a Binary Search Tree (BST)b convert it to a Greater Tree such that every key of the original BST is changed to the original key plus the sum of all keys greater than the original key in BST.

As a reminderb a binary search tree is a tree that satisfies these constraints:
The left subtree of a node contains only nodes with keys less than the node's key.
The right subtree of a node contains only nodes with keys greater than the node's key.
Both the left and right subtrees must also be binary search trees.

Input: root = [4b1b6b0b2b5b7bnullbnullbnullb3bnullbnullbnullb8]
Output: [30b36b21b36b35b26b15bnullbnullbnullb33bnullbnullbnullb8]

2. All Elements in Two Binary Search Trees   LEETCODE:-1305

Given two binary search trees root1 and root2, return a list containing all the integers from both trees sorted in ascending order.

Input: root1 = [2,1,4], root2 = [1,0,3]
Output: [0,1,1,2,3,4]