Merge two BST VVV imp

class Solution {

public TreeNode mergeTrees(TreeNode root1, TreeNode root2)

{

if(root1==null)return root2;

if(root2==null)return root1;

root1.val +=root2.val;

root1.left=mergeTrees(root1.left,root2.left);

root1.right=mergeTrees(root1.right,root2.right);

return root1;

}

}

Stack

class Solution {

public TreeNode mergeTrees(TreeNode root1, TreeNode root2)

{

if(root1==null)return root2;

if(root2==null)return root1;

Stack<TreeNode[]> st=new Stack<>();

st.push(new TreeNode[]{root1,root2});

while(!st.isEmpty())

{

TreeNode[] t=st.pop();

if(t[0]==null || t[1]==null)continue;

t[0].val +=t[1].val;

if(t[0].left==null)

{

t[0].left=t[1].left;

}

else

{

st.push(new TreeNode[]{t[0].left,t[1].left});

}

if(t[0].right==null)

{

t[0].right=t[1].right;

}

else

{

st.push(new TreeNode[]{t[0].right,t[1].right});

}

}

return root1;

}

}