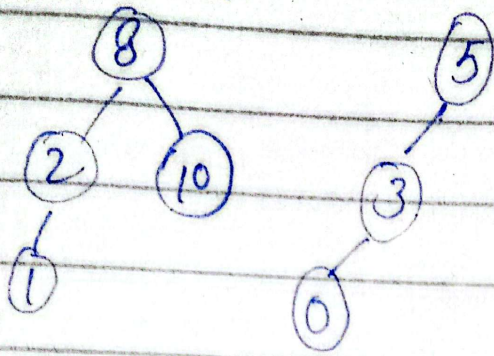


Merge Two BSTs



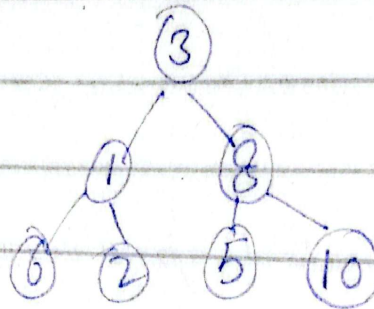
BST Inorder \rightarrow inorder \rightarrow sorted.

\downarrow
Balanced
BST

[1, 2, 8, 10] [0, 3, 5]
Inorder

[0, 1, 2, 3, 5, 8, 10]

Pseudocode



Node* Merge(root1, root2) {

inorder(root1, arr1)

inorder(root2, arr2)

vector<int> temp

while(i < arr1.size() && j < arr2.size()) {

if(arr1[i] < arr2[j])

temp.pb(arr1[i++])

else

temp.pb(arr2[j++])

}
while(i < arr1.size()) \rightarrow temp.pb(arr1[i++])

while(j < arr2.size()) \rightarrow temp.pb(arr2[j++])

BuildBST(temp)

return