4, Merge two binary tree.

```
class Solution {
  public:
      TreeNode* mergeTrees (TreeNode* root1,
                                TreeNode* root2){

        if ( root1==NULL && root2==NULL)
            return NULL;

        if (root1 == NULL)
            return root2;

        if(root 2==NULL)
            return root 1;

        TreeNode* merged = new TreeNode (root1 -> val
                                   + root2 -> val);

        merged -> left = merge Trees (root 1 -> left,
                                  root2 -> left);

        merged -> right = mergeTrees (root1 ->right,
                                  root2 -> right);

        retured merged;
      }
  };
```

Output:

case 1:

Input -
root1 =
[1, 3, 2, 5]
root2 =
[2, 1, 3, null, 4, null, 7]

Output -	Expected
[3, 4, 5, 5, 4, null, 7]	[3, 4, 5, 5, 4, null, 7]

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case 2 :

Input :-

root1 =

[1]

root2 =

[1, 2]

Output :-

[2, 2]

Expected :

[2, 2]

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