

Lab Program 8(B)

1)

Program - LeetCode program :-

Code :-

```
struct TreeNode* mergeTrees(struct TreeNode* root1, struct TreeNode* root2) {  
    if (root1 == NULL)  
        return root2;  
    if (root2 == NULL)  
        return root1;  
  
    root1->val = root1->val + root2->val;  
    root1->left = mergeTrees(root1->left, root2->left);  
    root1->right = mergeTrees(root1->right, root2->right);  
  
    return root1;  
}
```

Output :-

Case 1 :-



The screenshot shows the LeetCode Test Result page for a successful submission. The page has a header with 'Testcase' and 'Test Result' buttons. Below the header, the status is 'Accepted' with a runtime of '0 ms'. There are two tabs: 'Case 1' (selected) and 'Case 2'. The 'Input' section contains two arrays: 'root1 = [1,3,2,5]' and 'root2 = [2,1,3,null,4,null,7]'. The 'Output' section shows the merged array: '[3,4,5,5,4,null,7]'. The 'Expected' section also shows the same merged array: '[3,4,5,5,4,null,7]'. The entire page is white with black text and has a clean, modern look.

Case 2 :-

Testcase | [Test Result](#)

Accepted Runtime: 0 ms



Case 1 Case 2

Input

```
root1 =  
[1]
```

```
root2 =  
[1,2]
```

Output

```
[2,2]
```

Expected

```
[2,2]
```