LeetCode Explore ^Day 29^   Problems   Mock   Contest   Discuss   🏬 Store

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Time Submitted	Status	Runtime	Memory	Language
04/26/2021 19:16	Accepted	24 ms	15.7 MB	c

```c
4    *     int val;
5    *     struct TreeNode *left;
6    *     struct TreeNode *right;
7    * };
8    */
9
10
11   int deepestLeavesSum(struct TreeNode* root){
12       int n;
13       return ans(root, &n);
14   }
15
16   int ans(struct TreeNode *root, int *depth)
17   {
18       if (!root)
19           return 0;
20       if (!root->left && !root->right)
21           return root->val;
22
23       int leftDepth = *depth + 1;
24       int rightDepth = *depth + 1;
25       int leftSum = ans(root->left, &leftDepth);
26       int rightSum = ans(root->right, &rightDepth);
27
28       if (leftDepth == rightDepth) {
29           *depth = leftDepth;
30           return leftSum + rightSum;
31       } else if (leftDepth > rightDepth) {
32           *depth = leftDepth;
33           return leftSum;
34       } else {
35           *depth = rightDepth;
36           return rightSum;
37       }
38   }
```

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