

5418. Pseudo-Palindromic Paths in a Binary Tree

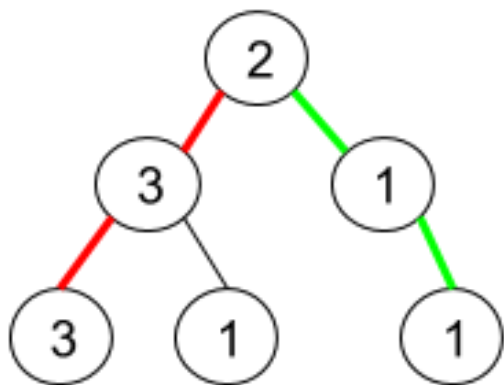
[My Submissions \(/contest/weekly-contest-190/problems/pseudo-palindromic-paths-in-a-binary-tree/submissions/\)](/contest/weekly-contest-190/problems/pseudo-palindromic-paths-in-a-binary-tree/submissions/)

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Given a binary tree where node values are digits from 1 to 9. A path in the binary tree is said to be **pseudo-palindromic** if at least one permutation of the node values in the path is a palindrome.

Return the number of **pseudo-palindromic** paths going from the root node to leaf nodes.

Example 1:



Input: root = [2,3,1,3,1,null,1]

Output: 2

Explanation: The figure above represents the given binary tree. There are three paths going from the root to leaf nodes: [2,3,3], [2,3,1], and [2,1,1]. The paths [2,3,3] and [2,1,1] are pseudo-palindromic.

Example 2:

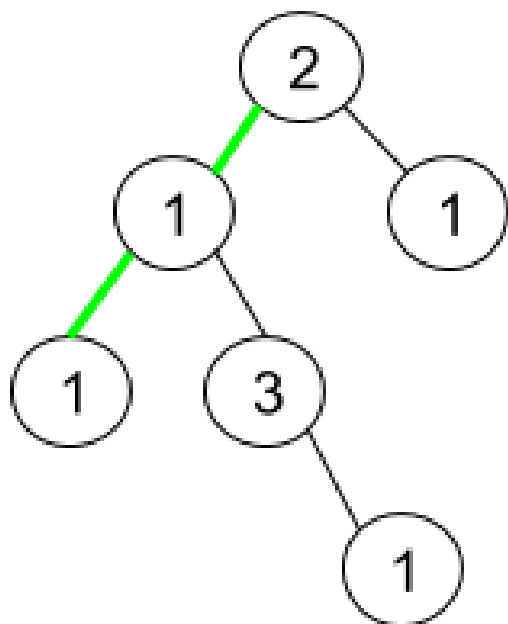
User Accepted: 0

User Tried: 0

Total Accepted: 0

Total Submissions: 0

Difficulty: Medium



Input: root = [2,1,1,1,3,null,null,null,null,null,1]

Output: 1

Explanation: The figure above represents the given binary tree. There are three paths going from root to leaf nodes.

Example 3:

Input: root = [9]

Output: 1

Constraints:

- The given binary tree will have between 1 and 10^5 nodes.
- Node values are digits from 1 to 9.

JavaScript



```

1 ▾ /**
2   * Definition for a binary tree node.
3   * function TreeNode(val, left, right) {
4   *     this.val = (val===undefined ? 0 : val)
5   *     this.left = (left===undefined ? null : left)
6   *     this.right = (right===undefined ? null : right)
7   * }
8   */
9 ▾ /**
10  * @param {TreeNode} root
11  * @return {number}
12  */
13 ▾ var pseudoPalindromicPaths = function(root) {
14

```