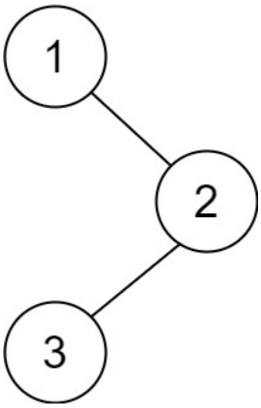
Description Solution Discuss (999+) Submissions

# 145. Binary Tree Postorder Traversal

Easy 4552 144 Add to List Share

Given the `root` of a binary tree, return *the postorder traversal of its nodes' values*.

**Example 1:**



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

**Example 2:**

```
Input: root = []
Output: []
```

**Example 3:**

```
Input: root = [1]
Output: [1]
```

**Constraints:**

- The number of the nodes in the tree is in the range `[0, 100]`.
- `-100 <= Node.val <= 100`

**Follow up:** Recursive solution is trivial, could you do it iteratively?

i C++

Au

i {}

```
/**
 * Definit
node.
 * struct 
 *     int
 *     Tree
 *     Tree
 *     Tree
left(nullp
 *     Tree
left(nullp
 *     Tree
*left, Tree
val(x), le
{}
 * };
 */
class Solu
public:
    vector
postorderTr
root) {
        ve
        po
        re
  }

 private:
  void pos
vector<int
    if (!r
      retu

    postor
    postor
    ans.pu
  }
};
```

Testcase Run Code Re

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Your input [1,

Output [3,

Expected [3,

Console Use