

Description

Solution

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Submissions

94. Binary Tree Inorder Traversal

Medium 3390 141 Add to List Share

Given a binary tree, return the *inorder* traversal of its nodes' values.

Example:

Input: [1,null,2,3]

```
  1
   \
    2
   /
  3
```

Output: [1,3,2]

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

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Seen this question in a real interview before?

Yes

No

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```
/**
 * Definition for a binary tree node.
 * public class TreeNode {
 *     int val;
 *     TreeNode left;
 *     TreeNode right;
 *     TreeNode() {}
 *     TreeNode(int val) { this.val = val; }
 *     TreeNode(int val, TreeNode left, TreeNode right) {
 *         this.val = val;
 *         this.left = left;
 *         this.right = right;
 *     }
 * }
 */
class Solution {
    public List<Integer> inorderTree = new ArrayList<Integer>();
    public List<Integer> inorderTraversal(TreeNode root1) {
        if (root1 == null)
            return new ArrayList<Integer>();
        inorderTraversal(root1.left);
        inorderTree.add(root1.val);
        inorderTraversal(root1.right);

        return inorderTree;
    }
}
```

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