**94. Binary Tree Inorder Traversal**

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

**Example 1:**



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

**Output:** [1,3,2]

**Example 2:**

**Input:** root = []

**Output:** []

**Example 3:**

**Input:** root = [1]

**Output:** [1]

In binary tree traversal , first we process the left part of the tree, then the node itself then the right part.

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\* Definition for a binary tree node.

\* function TreeNode(val, left, right) {

\* this.val = (val===undefined ? 0 : val)

\* this.left = (left===undefined ? null : left)

\* this.right = (right===undefined ? null : right)

\* }

\*/

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\* @param {TreeNode} root

\* @return {number[]}

\*/

var inorderTraversal = function(root) {

let result = [];

inorder(root,result);

return result;

};

function inorder(root, result){

if(!root) return null;

inorder(root.left,result);

result.push(root.val);

inorder(root.right,result);

}