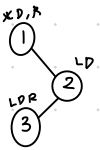
Binary Tree Inorder Traversal

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

Depth-first Search (DFS)

- Preorder : <root><left><right>
- Inorder : <left><root><right>
- Postorder: <left><right><root>



Input: [1, null, 2, 3]

Output: [1, 3, 2]

Algorithm:

What's base case?
: leaf node

```
if not node:
    return None
# left -> root -> right
traverse(node.left, out)
out.append(node.val)
traverse(node.right, out)
```