inorder

public class Solution {

public List < Integer > inorderTraversal(TreeNode root) {

List < Integer > res = new ArrayList < > ();

Stack < TreeNode > stack = new Stack < > ();

TreeNode curr = root;

while (curr != null || !stack.isEmpty()) {

while (curr != null) {

stack.push(curr);

curr = curr.left;

}

curr = stack.pop();

res.add(curr.val);

curr = curr.right;

}

return res;

}

}