

Post-order Traversal Of Binary Tree (iterative)

```
1 class Solution(object):
2     def postOrder(self, root):
3         """
4         input: TreeNode root
5         return: Integer[]
6         """
7         # write your solution here
8         output = []
9         if not root:
10            return output
11        stack = [(root, 1)]
12        while stack:
13            node, count = stack.pop()
14            if count == 3:
15                output.append(node.val)
16            if count == 1:
17                stack.append((node, count + 1))
18                if node.left:
19                    stack.append((node.left, 1))
20            if count == 2:
21                stack.append((node, count + 1))
22                if node.right:
23                    stack.append((node.right, 1))
24        return output
```