

145. Binary Tree Postorder Traversal

[link](#)

偷的, 但是应该不能用preOrder反过来.

```
private List<Integer> dfsPostOrder(TreeNode root) {
    List<Integer> results = new ArrayList<>();
    Stack<TreeNode> stack = new Stack<>();

    TreeNode cur = root;
    TreeNode last = null;
    while (cur != null || !stack.empty()) {
        while (cur != null) {
            stack.push(cur);
            cur = cur.left;
        }
        cur = stack.peek();
        if (cur.right == null || cur.right == last) {
            results.add(cur.val);
            stack.pop();
            // 记录上一个访问的节点
            // 用于判断“访问根节点之前，右子树是否已访问过”
            last = cur;
            // 表示不需要转向，继续弹栈
            cur = null;
        } else {
            cur = cur.right;
        }
    }

    return results;
}
```