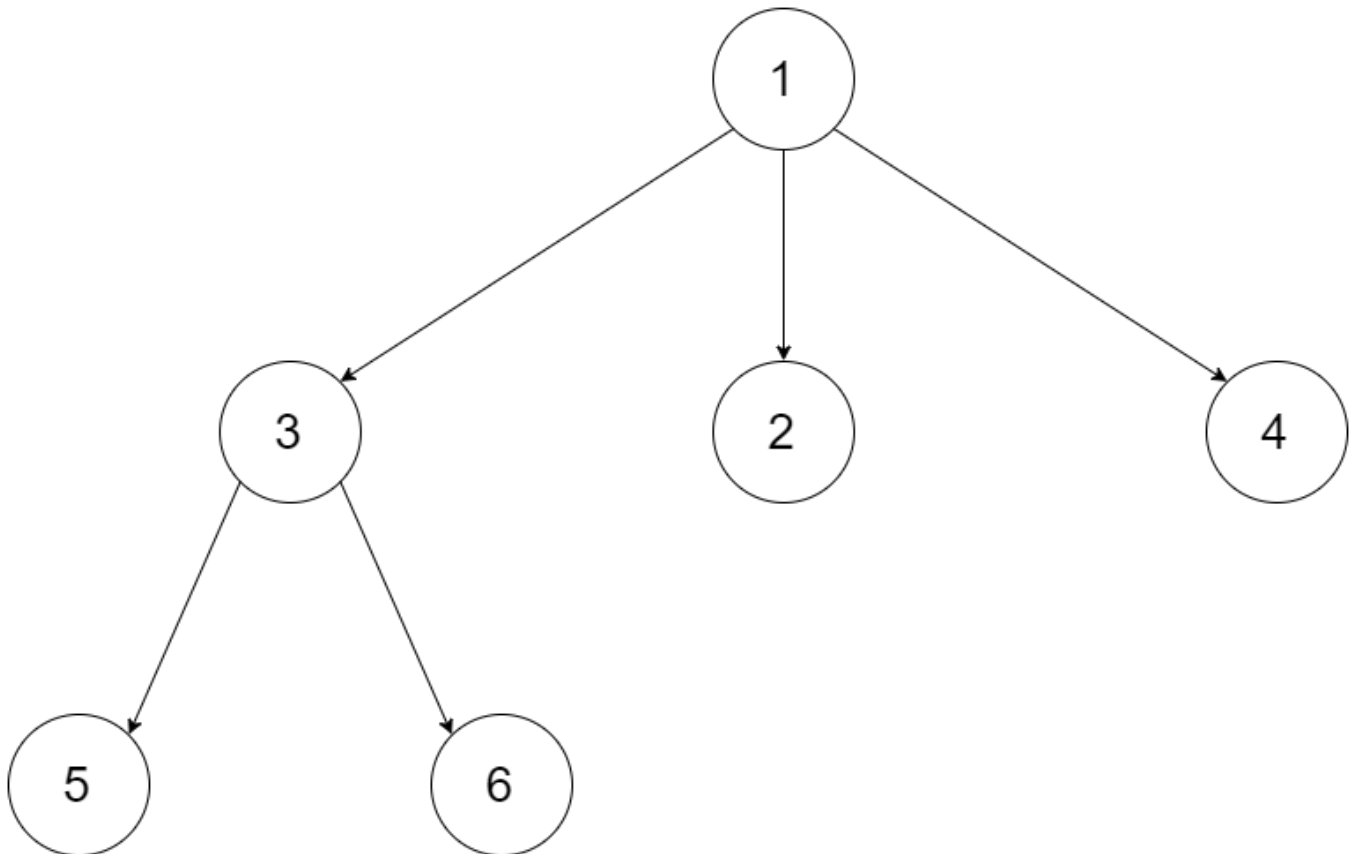


## 590. N-ary Tree Postorder Traversal

Given the `root` of an n-ary tree, return *the postorder traversal of its nodes' values*.

Nary-Tree input serialization is represented in their level order traversal. Each group of children is separated by the null value (See examples)



**Input:** root = [1,null,3,2,4,null,5,6]

**Output:** [5,6,3,2,4,1]

```
#Recursive Order
def postorder(self, root: 'Node') -> List[int]:
    ans = []

    self.helper(root, ans)
    return ans

def helper(self, root, ans):
    if root is None:
        return
```

```
    for nodes in root.children:
        self.helper(nodes,ans)
    ans.append(root.val)
```

*#Iterative Order*

```
if not root:
    return []
ans = []
ans.append(root)
res = []

while ans:
    temp = ans.pop()
    res.append(temp.val)
    ans.extend(temp.children)
return res[::-1]
```