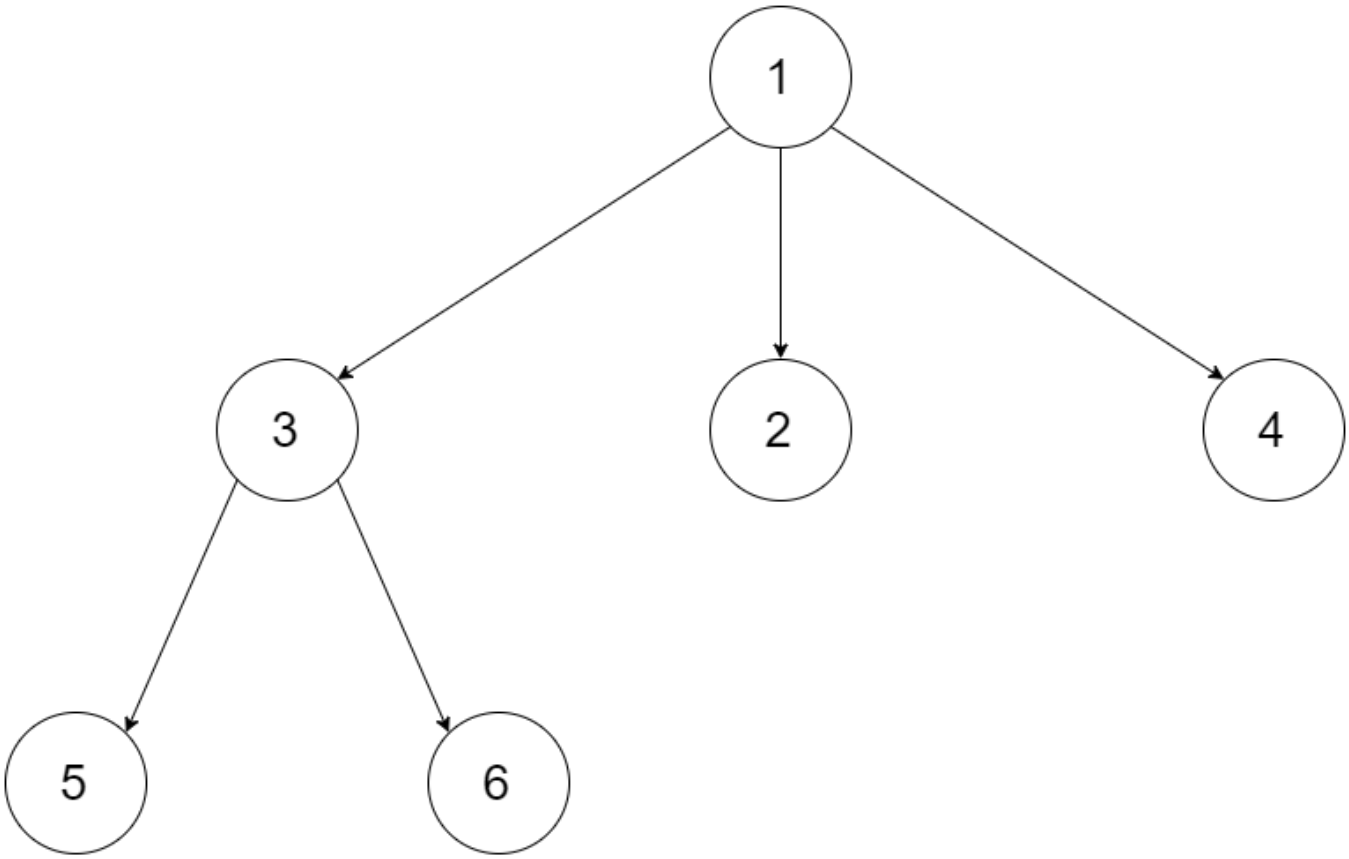
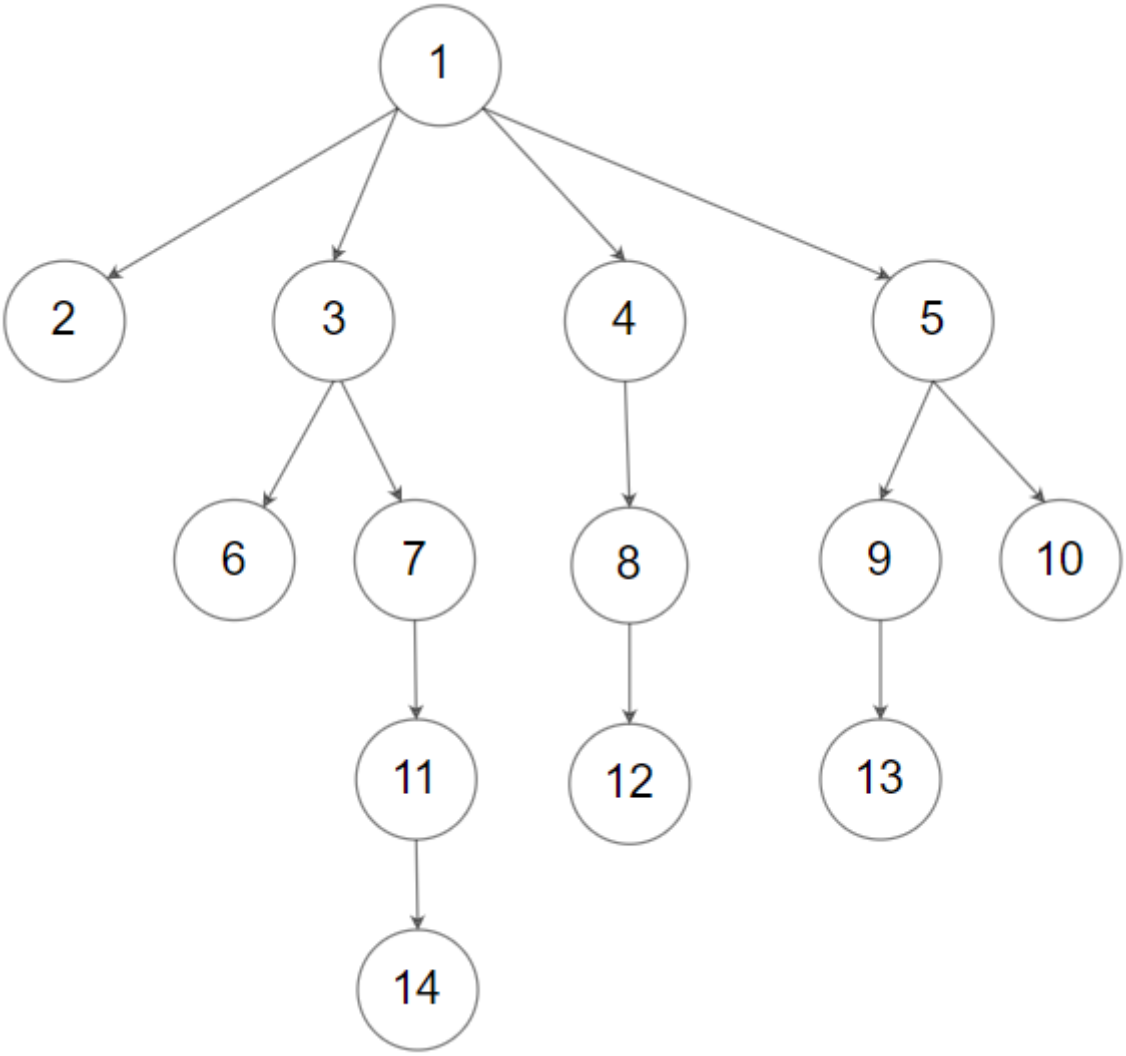
429. N-ary Tree Level Order Traversal

Given an n-ary tree, return the *level order* 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: [[1],[3,2,4],[5,6]]



Input: root = [1,null,2,3,4,5,null,null,6,7,null,8,null,9,10,null,null,11,null,12,null,13,null,null,14]
Output: [[1],[2,3,4,5],[6,7,8,9,10],[11,12,13],[14]]

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class Solution:
    def levelOrder(self, root: 'Node') -> List[List[int]]:
        if root is None:
            return []
        res = [[root.val]]
        parent = [root]
        children = []
        count = 0
        while parent:
            ans = []
            temp = parent.pop(0)
            for child in temp.children:
                children.append(child)
            if len(parent)==0:
                for ele in children:
                    ans.append(ele.val)
```

```
                parent = children
                children = []
                if ans:
                    res = res+[ans]
        return res
```

Important as it is classic level order traversal.