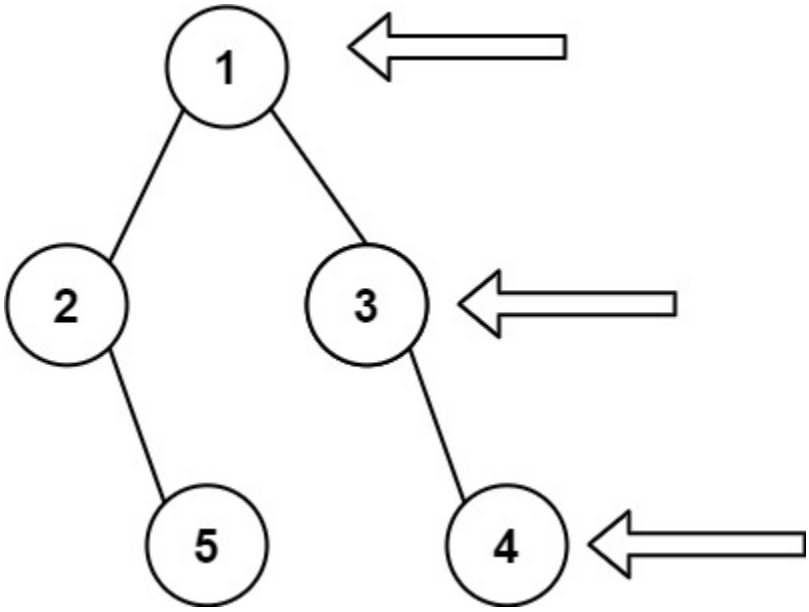
199. Binary Tree Right Side View

Given the root of a binary tree, imagine yourself standing on the **right side** of it, return *the values of the nodes you can see ordered from top to bottom*.

Example 1:



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

Output: [1,3,4]

Example 2:

Input: root = [1,null,3]

Output: [1,3]

Example 3:

Input: root = []

Output: []

Constraints:

- The number of nodes in the tree is in the range [0, 100].
- -100 <= Node.val <= 100

```
# Definition for a binary tree node.
# class TreeNode(object):
#     def __init__(self, val=0, left=None, right=None):
#         self.val = val
#         self.left = left
#         self.right = right
class Solution(object):
    def rightSideView(self, root):
        """
        :type root: TreeNode
        :rtype: List[int]
        """
        def solve(root,lvl):
            if root:
                if(len(res) == lvl):
                    res.append(root.val)
                solve(root.right, lvl+1)
                solve(root.left, lvl+1)
            return

        res = []
        solve(root,0)
        return res
```