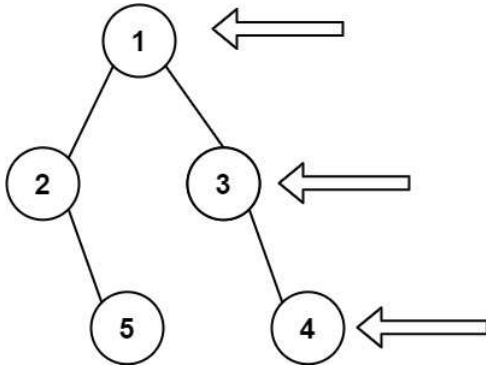


## 199. Binary Tree Right Side View

Medium 👍 7723 💬 446 ❤️ Add to List 📄 Share

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`

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Seen this question in a real interview before?

Yes

No

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```
1  /**
2   * Definition for a binary tree node.
3   * public class TreeNode {
4   *     int val;
5   *     TreeNode left;
6   *     TreeNode right;
7   *     TreeNode() {}
8   *     TreeNode(int val) { this.val = val; }
9   *     TreeNode(int val, TreeNode left, TreeNode right) {
10    *         this.val = val;
11    *         this.left = left;
12    *         this.right = right;
13    *     }
14    * }
15    */
16    class Solution {
17    public List<Integer> rightSideView(TreeNode root) {
18    }
19    }
20 }
```