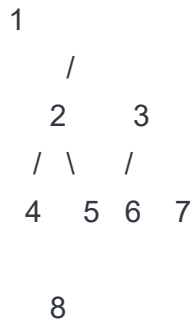# Right View of Binary Tree (GFG)

Given a Binary Tree, find **Right view** of it. Right view of a Binary Tree is set of nodes visible when tree is viewed from **right** side.

Right view of following tree is 1 3 7 8.

```
1
   /
  2   3
 / \  /
4  5 6 7


   8
```

```python
class Solution:
    #Function to return list containing elements of right view of binary tree.
    def rightView(self,root):

        # code here
        res=[]
        seen = set()
        helper(root,res,0,seen)
        return res



def helper(root,res,level,seen):
    if root is None:
        return
    if level not in seen:
        seen.add(level)
        res.append(root.data)
    helper(root.right,res,level+1,seen)
    helper(root.left,res,level+1,seen)
```

Second Approach:

```python
def rightSideView(self, root):
        deque = collections.deque()
        if root:
```

```python
        deque.append(root)
    res = []
    while deque:
        size, val = len(deque), 0
        for _ in range(size):
            node = deque.popleft()
            val = node.val # store last value in each level
            if node.left:
                deque.append(node.left)
            if node.right:
                deque.append(node.right)
        res.append(val)
    return res
```