513. Find Bottom Left Tree Value

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User Accepted: **870** User Tried: **943** Total Accepted: **1060** Total Submissions: **2399** Difficulty: **Medium**

Given a binary tree, find the leftmost value in the last row of the tree.

Example 1:

```
Input:

    2
   / \
  1   3

Output:
1
```

Example 2:

```
Input:

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

Output:
7
```

Note: You may assume the tree (i.e., the given root node) is not **NULL**.

Discuss (https://discuss.leetcode.com/category/661)

Python

```python
# Definition for a binary tree node.
# class TreeNode(object):
#     def __init__(self, x):
#         self.val = x
#         self.left = None
#         self.right = None

class Solution(object):
    def findLeftMostNode(self, root):
        """
        :type root: TreeNode
        :rtype: int
        """
        def bfs(root):
            i=0
            d={}
            thislevel=[root]
            d[i]=[root.val]
            while thislevel:
                i=i+1
                nextlevel=[]
                for n in thislevel:
                    if n.left:
                        nextlevel.append(n.left)
                        if i in d:
                            d[i].append(n.left.val)
                        else:
                            d[i]=[n.left.val]
                    if n.right:
                        nextlevel.append(n.right)
                        if i in d:
                            d[i].append(n.right.val)
                        else:
                            d[i]=[n.right.val]
                thislevel=nextlevel
            return d
        if root==None:
```

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```
38             return []
39         d=bfs(root)
40         m=d[max(d.keys())][0]
41
```

Custom Testcase

Run Code | Submit Solution