```
/* Given a binary tree, return the level order traversal of its nodes' values. (ie,
    from left to right, level by level).
2
3
    For example:
4
    Given binary tree [3,9,20,null,null,15,7],
    . . . . 3
5
6
     0.001 \, \mathrm{Mpc}
7
     9 1 20
     15 - 7
8
9
10
    return its level order traversal as:
11
    · · [3],
12
     [9,20],
13
14
     [15,7]
    1 */
15
16
17
18
    import java.util.LinkedList;
19
    import java.util.List;
20
    import java.util.Queue;
21
22
    class TreeNode {
23
     · · · int val;
24
     TreeNode left;
25
    TreeNode right;
26
27
    TreeNode(int x) {
28
          val = x;
29
    · · · · · }
30
    }
31
32
33
    class Solution {
    public List<List<Integer>> levelOrder(TreeNode root) {
34
35
36
     List<List<Integer>> result = new LinkedList<>();
37
     if (root == null) {
38
39
                return result;
40
41
     Queue<TreeNode> queue = new LinkedList<>();
queue.offer(root);
42
43
44
     while (!queue.isEmpty()) {
45
46
47
               List<Integer> temp = new LinkedList<>();
48
49
          int size = queue.size();
50
           for (int i = 0; i < size; i++) {
51
                    TreeNode tempNode = queue.poll();
52
                    temp.add(tempNode.val);
53
                    if (tempNode.left != null) {
54
                        queue.offer(tempNode.left);
55
56
               if (tempNode.right != null) {
57
                       queue.offer(tempNode.right);
58
59
    60
61
    result.add(temp);
62
    63
64
    return result;
65
    . . . . . }
66
    }
```