**Tree - Level Order Traversal**

<https://www.hackerrank.com/challenges/tree-level-order-traversal/problem>

Given a pointer to the root of a binary tree, you need to print the level order traversal of this tree. In level-order traversal, nodes are visited level by level from left to right. Complete the function levelOrder and print the values in a single line separated by a space.

For example:

1

\

2

\

5

/ \

3 6

\

4

For the above tree, the level order traversal is 1 -> 2 -> 5 -> 3 -> 6 -> 4.

**Input Format**

You are given a function,

void levelOrder(Node \* root) {

}

**Constraints**

* *1 <= Nodes in the tree <= 500*

**Output Format**

Print the values in a single line separated by a space.

**Sample Input**

1

\

2

\

5

/ \

3 6

\

4

**Sample Output**

1 2 5 3 6 4

**Explanation**

We need to print the nodes level by level. We process each level from left to right.  
Level Order Traversal: 1 -> 2 -> 5 -> 3 -> 6 -> 4.