[**Maximum Value**](https://practice.geeksforgeeks.org/problems/ec277982aea7239b550b28421e00acbb1ea03d2c/1)

Given a binary tree, find the largest value in each level.

**Example 1:**

**Input:**

1

/ \

2 3

**Output:**

1 3

**Explanation:**

At 0 level, values of nodes are {1}

Maximum value is 1

At 1 level, values of nodes are {2,3}

Maximum value is 3

**Example 2:**

**Input:**

4

/ \

9 2

/ \ \

3 5 7

**Output:**

4 9 7

**Explanation:**

At 0 level, values of nodes are {4}

Maximum value is 4

At 1 level, values of nodes are {9,2}

Maximum value is 9

At 2 level, values of nodes are {3,5,7}

Maximum value is 7

**Your Task:**

You don't need to read input or print anything.Your task is to complete the function **maximumValue**() that takes root node as input parameter and returns a list of integers containing the maximum value at each level. The size of the resultant list should be equal to the height of the binary tree and result[i] should store the maximum value at level i.

**Expected Time Complexity:**O(N), where N is the number of nodes.  
**Expected Auxiliary Space:**O(H), where H is the height of binary tree.

**Constraints:**  
1 ≤ Number of nodes ≤ 10^4  
1 ≤ Data of a node ≤ 10^5