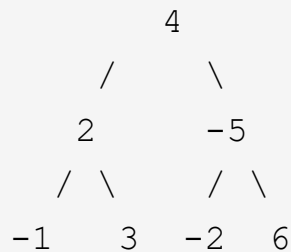


Max Level Sum in Binary Tree

Given a Binary Tree having positive and negative nodes. Find the maximum sum of a level in the given Binary Tree.

Example 1:

Input :



Output: 6

Explanation :

Sum of all nodes of 0'th level is 4

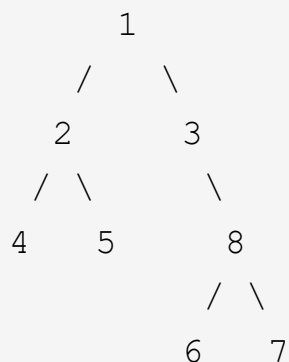
Sum of all nodes of 1'th level is -3

Sum of all nodes of 2'th level is 6

Hence maximum sum is 6

Example 2:

Input :



Output : 17

Explanation: Maximum sum is at level 2.

Your Task:

You dont need to read input or print anything. Complete the function **maxLevelSum()** which takes root node as input parameter and returns the maximum sum of any horizontal level in the given Binary Tree.

Expected Time Complexity: $O(N)$, where N is no of node.

Expected Auxiliary Space: $O(W)$, Where W is the max width of the tree.

Constraints:

$$1 \leq N \leq 10^4$$