

## 958. Check Completeness of a Binary Tree

Medium

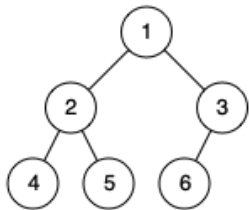
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Given the `root` of a binary tree, determine if it is a *complete binary tree*.

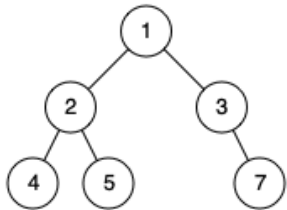
In a **complete binary tree**, every level, except possibly the last, is completely filled, and all nodes in the last level are as far left as possible. If the last level is the level containing the node `root`, the tree is still considered a complete binary tree.

**Example 1:**



**Input:** `root = [1,2,3,4,5,6]`  
**Output:** `true`  
**Explanation:** Every level before the last is full (ie. levels with node-values {1} and {2, 3}), and all nodes in the last level are as far left as possible.

**Example 2:**



**Input:** `root = [1,2,3,4,5,null,7]`  
**Output:** `false`  
**Explanation:** The node with value 7 isn't as far left as possible.

**Constraints:**

- The number of nodes in the tree is in the range `[1, 100]`.
- `1 <= Node.val <= 1000`

Seen this question in a real interview before? 1/4

☒ Yes ☐ No

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