

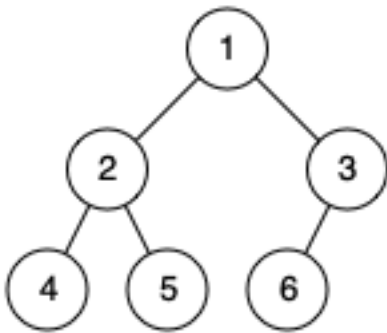
@LeetCode

Given a binary tree, determine if it is a *complete binary tree*.

**Definition of a complete binary tree from [Wikipedia](#):**

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. It can have between 1 and  $2^h$  nodes inclusive at the last level  $h$ .

**Example 1:**

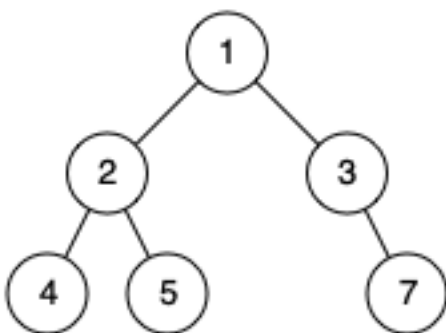


**Input:** [1,2,3,4,5,6]

**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 ({4, 5, 6}) are as far left as possible.

**Example 2:**



**Input:** [1,2,3,4,5,null,7]

**Output:** false

**Explanation:** The node with value 7 isn't as far left as possible.

**Note:**

1. The tree will have between 1 and 100 nodes.