Given a binary tree, determine if it is a valid binary search tree (BST).

Assume a BST is defined as follows:

- The left subtree of a node contains only nodes with keys less than the node's key.
- The right subtree of a node contains only nodes with keys greater than the node's key.
- Both the left and right subtrees must also be binary search trees.

Example 1:

Example 2:

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5
/ \
1    4
/ \
3    6

Input: [5,1,4,null,null,3,6]

Output: false
Explanation: The root node's value is 5 but its right child's value is 4.
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