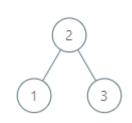
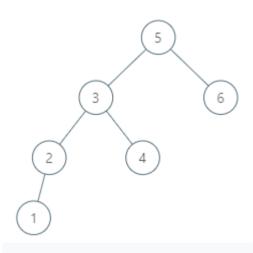
## Example 1:



Input: root = [2,1,3], p = 1

**Explanation:** 1's in-order successor node is 2. Note that both p and the return value is of TreeNode type.

## Example 2:



Input: root = [5,3,6,2,4,null,null,1], p = 6 Output: null

Binary Search Tree Iterator

Inorder Successor in BST II

**Explanation:** There is no in-order successor of the current node, so the answer is null.

## **Constraints:**

The number of nodes in the tree is in the range [1, 10<sup>4</sup>].

•  $-10^5 \le Node.val \le 10^5$  All Nodes will have unique values. Accepted 231,377 Submissions 508,540 Seen this question in a real interview before?

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10 root = root.right; 11 ▼ } else { 12 successor = root; 13 root = root.left; 14 15 16 17 return successor; 18 19

Medium

Medium