

108. Convert Sorted Array to Binary Search Tree

⋮

Easy

👍 9.4K

💬 470

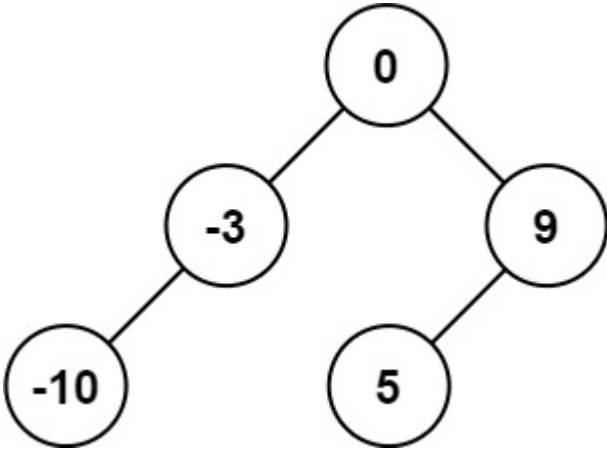
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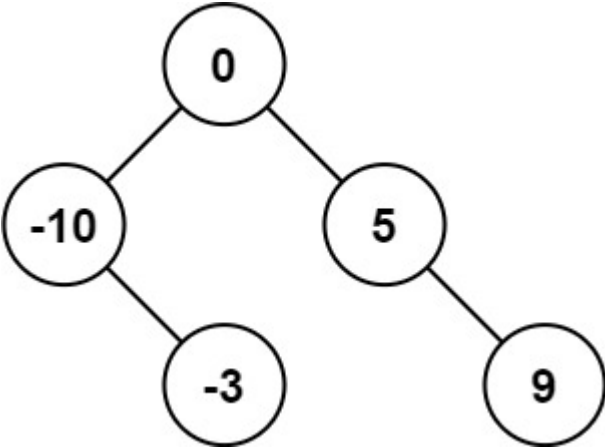
🏢 Companies

Given an integer array `nums` where the elements are sorted in **ascending order**, convert *it* to a **height-balanced** binary search tree.

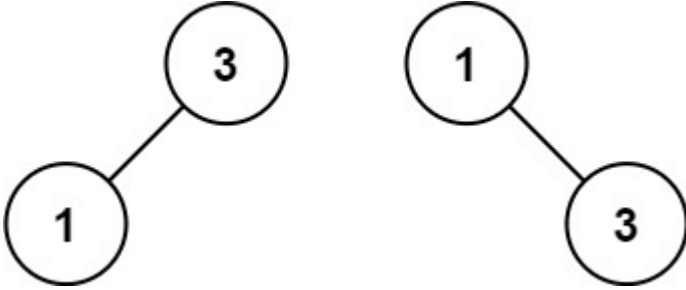
Example 1:



Input: `nums = [-10,-3,0,5,9]`
Output: `[0,-3,9,-10,null,5]`
Explanation: `[0,-10,5,null,-3,null,9]` is also accepted:



Example 2:



Input: `nums = [1,3]`
Output: `[3,1]`
Explanation: `[1,null,3]` and `[3,1]` are both height-balanced BSTs.

Constraints:

- `1 <= nums.length <= 104`
- `-104 <= nums[i] <= 104`
- `nums` is sorted in a **strictly increasing** order.

