▤ Description   📖 Editorial   ⚗ Solutions   ↺ Submissions   🐛 Debugger ✕
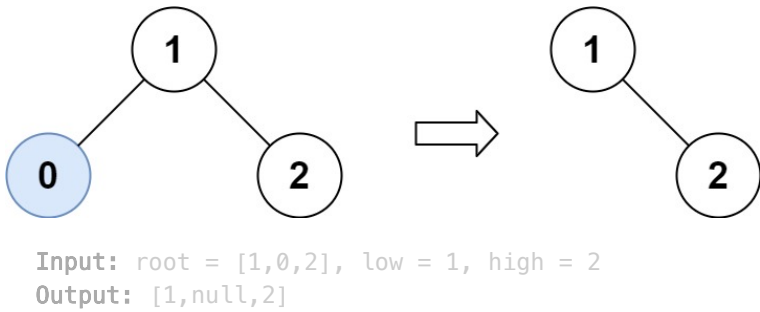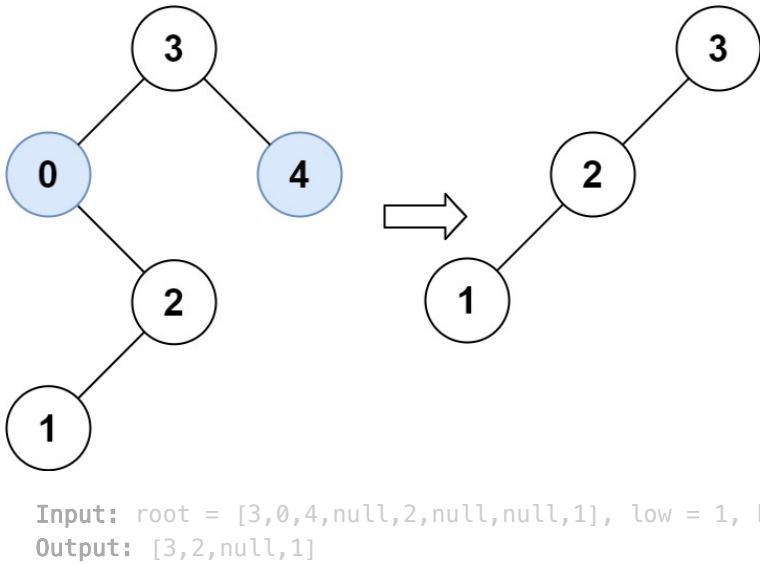
669. Trim a Binary Search Tree

Medium   ◇ Topics   ⬚ Companies

Given the `root` of a binary search tree and the lowest and highest boundaries as `low` and `high`, trim the tree so that all its elements lies in

Return *the root of the trimmed binary search tree*. Note that the root may change depending on the given bounds.

Example 1:


```
Input:  root = [1,0,2], low = 1, high = 2
Output: [1,null,2]
```

Example 2:


```
Input:  root = [3,0,4,null,2,null,null,1], low = 1, high = 3
Output: [3,2,null,1]
```

Constraints:

- The number of nodes in the tree is in the range $[1, 10^4]$.
- $0 <= $ `Node.val` $ <= 10^4$
- The value of each node in the tree is **unique**.
- `root` is guaranteed to be a valid binary search tree.
- $0 <= $ `low` $ <= $ `high` $ <= 10^4$

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

Yes   No

Accepted **285.8K**   Submissions **431.3K**   Acceptance Rate **66.3%**

🏷 Topics

⬚ Companies

💬 Discussion (14)