

LeetCode

Day-10 Q-03: Convert Sorted Array to Binary Search Tree

Given an array where elements are sorted in ascending order, convert it to a height balanced BST.

For this problem, a height-balanced binary tree is defined as a binary tree in which the depth of the two subtrees of *every* node never differ by more than 1.

Example:

Given the sorted array: `[-10,-3,0,5,9]`,

One possible answer is: `[0,-3,9,-10,null,5]`, which represents the following height balanced BST:

```
      0
     / \
    -3  9
   /  /
  -10 5
```