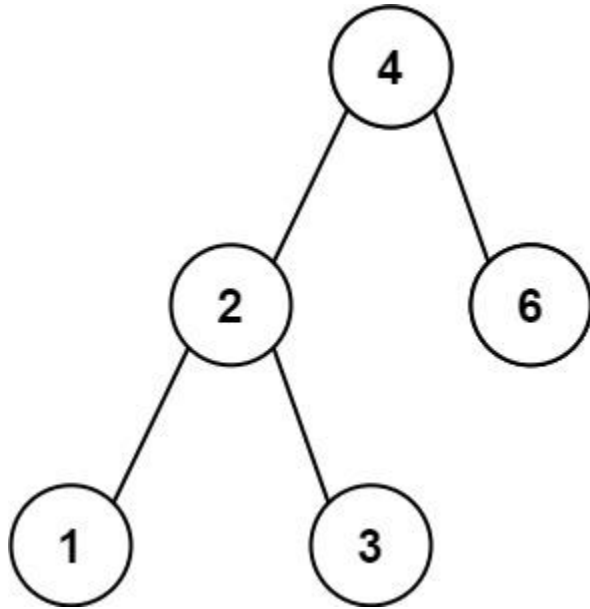


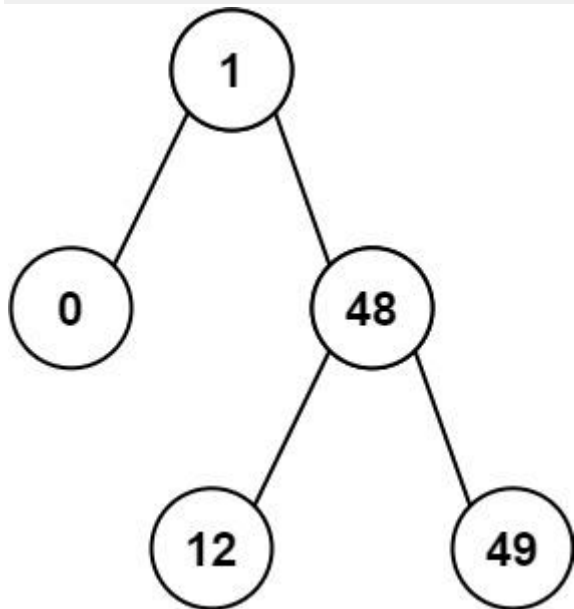
Given the root of a Binary Search Tree (BST), return *the minimum absolute difference between the values of any two different nodes in the tree.*

Example 1:



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

Example 2:



Input: root = [1,0,48,null,null,12,49] Output: 1

Constraints:

- The number of nodes in the tree is in the range  $[2, 10^4]$ .
- $0 \leq \text{Node.val} \leq 10^5$

Note: This question is the same as 783:

<https://leetcode.com/problems/minimum-distance-between-bst-nodes/>

## Solution:

```
class Solution {  
  
    int prev = Integer.MAX_VALUE;  
  
    int ans = Integer.MAX_VALUE;  
  
    public void inorder(TreeNode root){  
  
        if(root.left!=null) inorder(root.left);  
  
        ans = Math.min(ans,Math.abs(root.val-prev));  
  
        prev = root.val;  
  
        if(root.right!=null) inorder(root.right);  
  
    }  
  
    public int getMinimumDifference(TreeNode root) {  
  
        inorder(root);  
  
        return ans;  
  
    }  
}
```