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Write a function to check that a binary tree is a valid binary search tree. ■

Here's a sample binary tree node class:

class BinaryTreeNode(object):

def __init__(self, value):
 self.value = value
 self.left = None
 self.right = None

def insert_left(self, value):
 self.left = BinaryTreeNode(value)
 return self.left

def insert_right(self, value):
 self.right = BinaryTreeNode(value)
 return self.right