**Q1)** Assume we have a Node class defined as shown below.

class Node {

int value;

Node leftChild;

Node rightChild;

}

Write a method that accepts a single Node as an argument and returns whether the tree starting at that node is a binary search tree.

**Note:** A binary search tree abides by the following ordering properties:

* The value of every node in a node's left subtree is less than the value of that node.
* The value of every node in a node's right subtree is greater than the value of that node.