**IS THIS A BINARY SEARCH TREE**

/\* Hidden stub code will pass a root argument to the function below. Complete the function to solve the challenge. Hint: you may want to write one or more helper functions.

The Node struct is defined as follows:

struct Node {

int data;

Node\* left;

Node\* right;

}\*/

bool checkBST(Node\* root) {

return checkBSTUtil(root,-1,100000);

}

bool checkBSTUtil(struct Node\* node,int min,int max)

{

if(node == NULL)

{

return true ;

}

if(node->data<min||node->data>max)

{

return false ;

}

return checkBSTUtil(node->left,min,node->data-1)&&

checkBSTUtil(node->right,node->data+1,max) ;

}