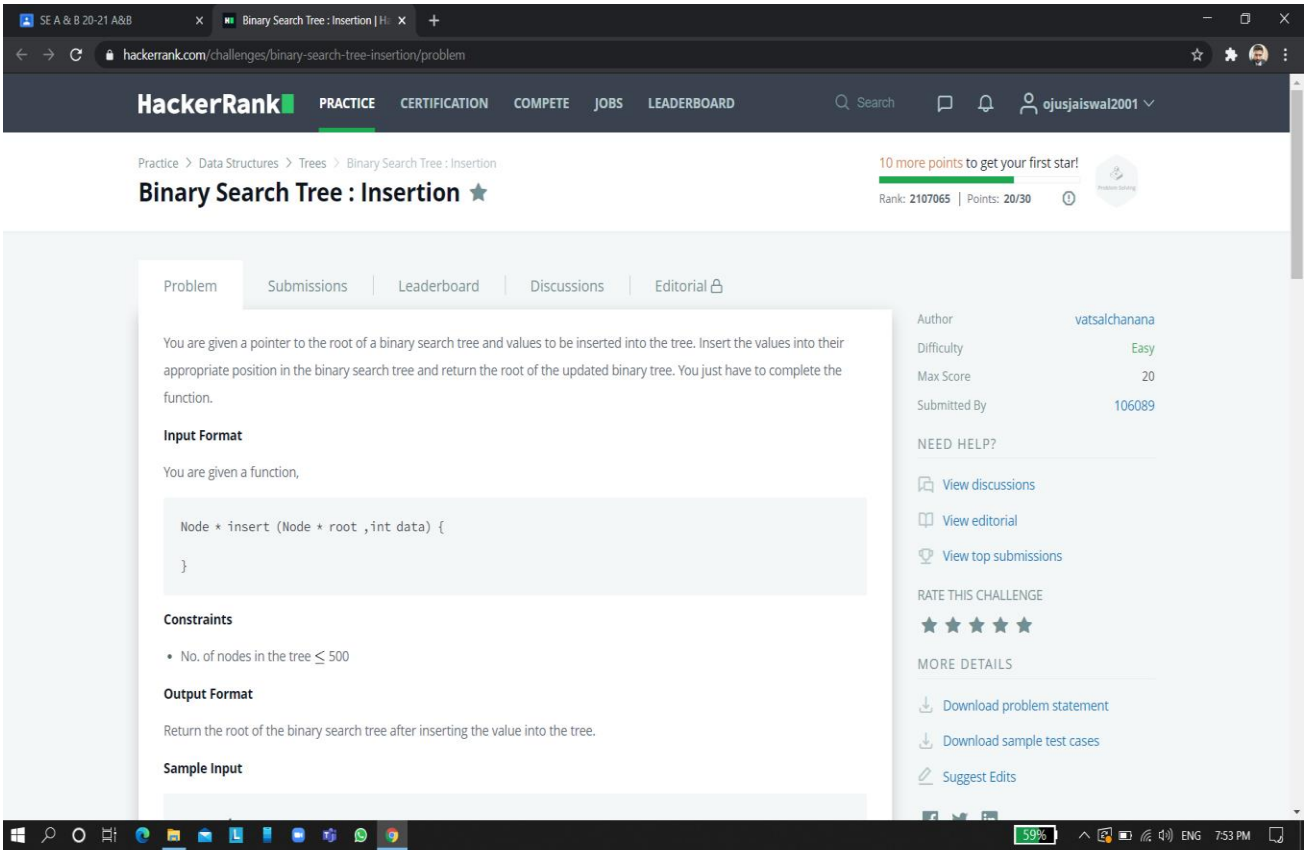
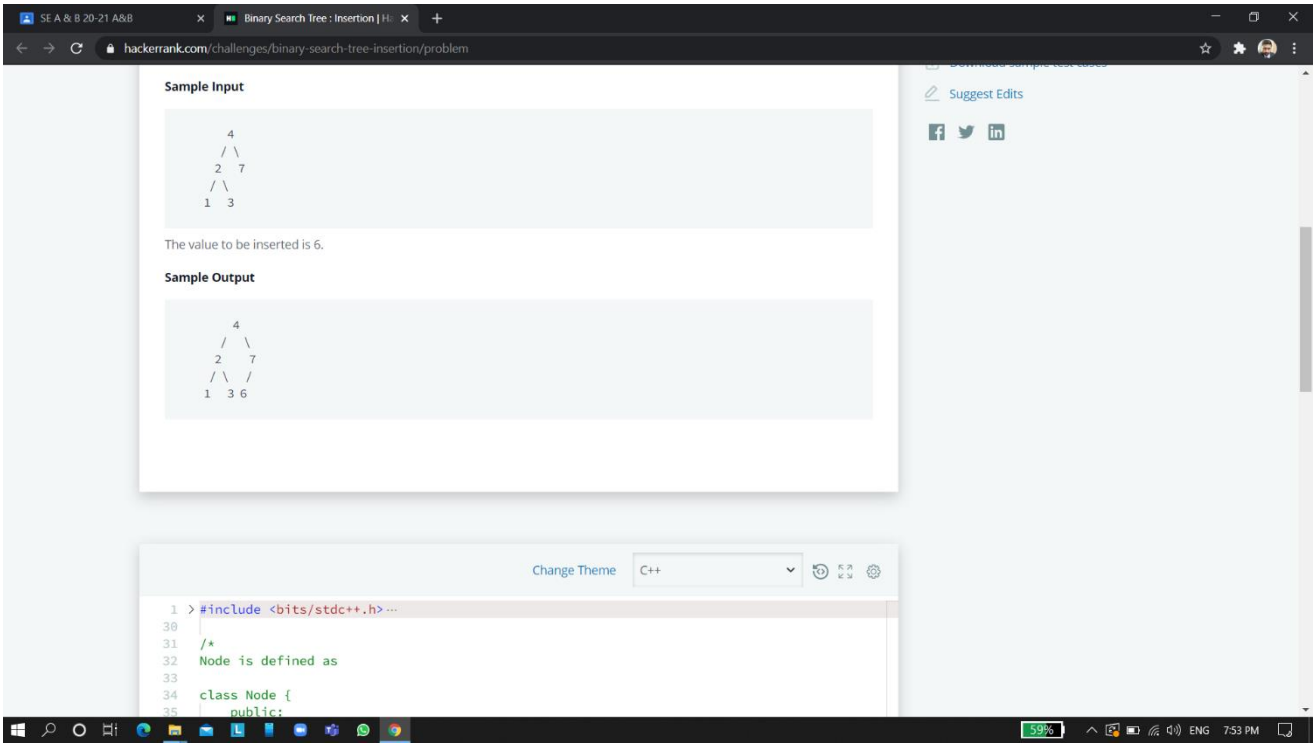
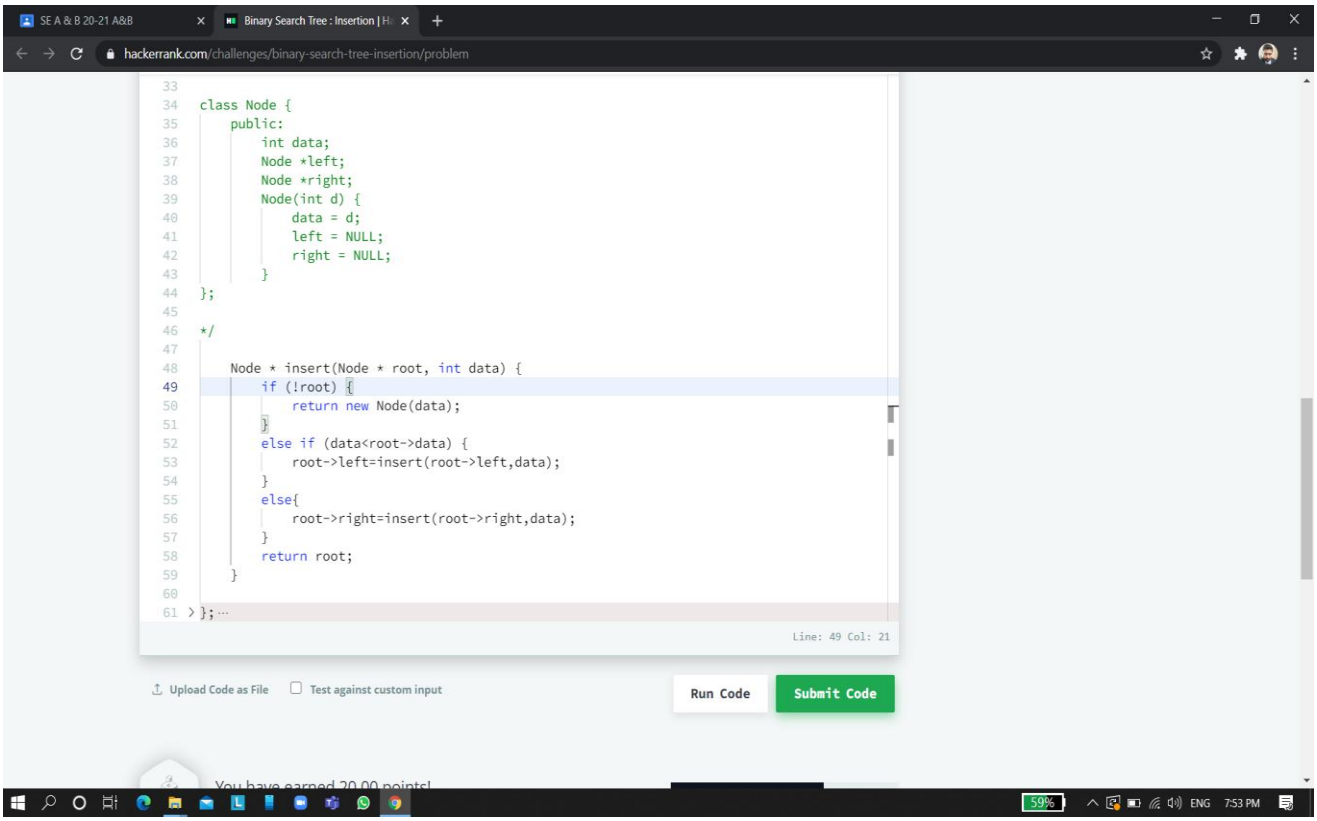
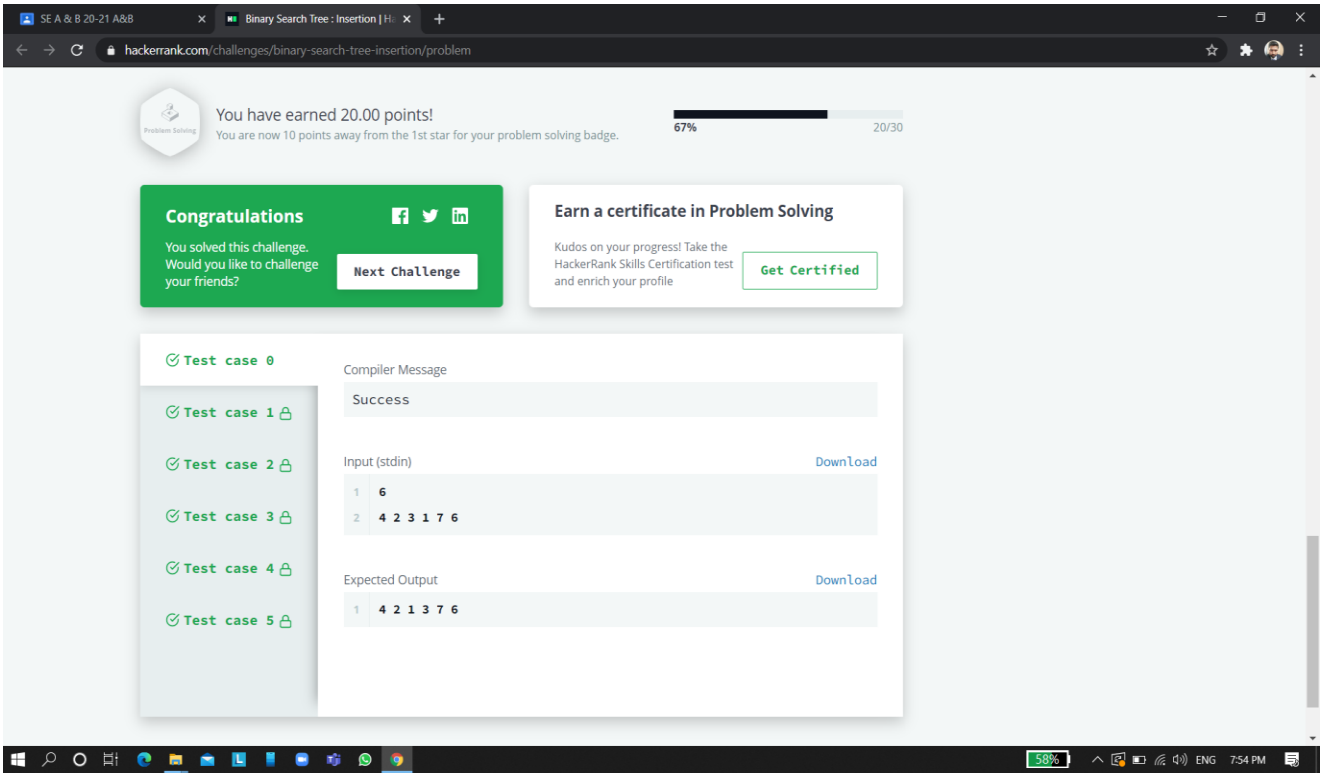

SE A & B 20-21 A&B
Binary Search Tree : Insertion | H
hackerrank.com/challenges/binary-search-tree-insertion/problem
HackerRank
PRACTICE
CERTIFICATION
COMPETE
JOBS
LEADERBOARD
Search
ojusjaiswal2001
Practice > Data Structures > Trees > Binary Search Tree : Insertion
Binary Search Tree : Insertion
10 more points to get your first star!
Rank: 2107065 | Points: 20/30
Problem
Submissions
Leaderboard
Discussions
Editorial
You are given a pointer to the root of a binary search tree and values to be inserted into the tree. Insert the values into their appropriate position in the binary search tree and return the root of the updated binary tree. You just have to complete the function.
Input Format
You are given a function,
Node * insert (Node * root ,int data) {
}
Constraints
No. of nodes in the tree ≤ 500
Output Format
Return the root of the binary search tree after inserting the value into the tree.
Sample Input
Author vatsalchanana
Difficulty Easy
Max Score 20
Submitted By 106089
NEED HELP?
View discussions
View editorial
View top submissions
RATE THIS CHALLENGE
MORE DETAILS
Download problem statement
Download sample test cases
Suggest Edits
59%
ENG
7:53 PM


SE A & B 20-21 A&B
Binary Search Tree : Insertion | H
hackerrank.com/challenges/binary-search-tree-insertion/problem
Sample Input
4
/ \
2 7
/ \
1 3
The value to be inserted is 6.
Sample Output
4
/ \
2 7
/ \ /
1 3 6
Suggest Edits
Change Theme
C++
#include <bits/stdc++.h>
/*
Node is defined as
class Node {
public:
59%
ENG
7:53 PM


SE A & B 20-21 A&B
Binary Search Tree : Insertion | H
hackerrank.com/challenges/binary-search-tree-insertion/problem
class Node {
public:
int data;
Node *left;
Node *right;
Node(int d) {
data = d;
left = NULL;
right = NULL;
}
};
*/
Node * insert(Node * root, int data) {
if (!root) {
return new Node(data);
}
else if (data<root->data) {
root->left=insert(root->left,data);
}
else{
root->right=insert(root->right,data);
}
return root;
}
};
Line: 49 Col: 21
Upload Code as File
Test against custom input
Run Code
Submit Code
59%
ENG
7:53 PM


SE A & B 20-21 A&B
Binary Search Tree : Insertion | H
hackerrank.com/challenges/binary-search-tree-insertion/problem
You have earned 20.00 points!
You are now 10 points away from the 1st star for your problem solving badge.
67%
20/30
Congratulations
You solved this challenge. Would you like to challenge your friends?
Next Challenge
Earn a certificate in Problem Solving
Kudos on your progress! Take the HackerRank Skills Certification test and enrich your profile
Get Certified
Test case 0
Test case 1
Test case 2
Test case 3
Test case 4
Test case 5
Compiler Message
Success
Input (stdin)
Download
6
4 2 3 1 7 6
Expected Output
Download
4 2 1 3 7 6
58%
ENG
7:54 PM