

```
#include <iostream>
    #include <cstddef>
 2
 3 using namespace std;
4 v class Node{
 5
         public:
             Node *left,*right;
Node(int d){
 8 ▼
 9
                 data=d:
10
                  left=right=NULL;
11
12
    1;
13
    class Solution{
         public:
             Node* insert(Node* root, int data){
15 ▼
                 if(root==NULL){
16 ▼
17
                      return new Node(data);
18
19 ▼
                  else{
20
                      Node* cur;
21 ▼
                      if(data<=root->data){
22
23
24
                          cur=insert(root->left,data);
                          root->left=cur;
25 ▼
                      else{
26
                         cur=insert(root->right,data);
27
                         root->right=cur;
28
                       }
29
30
                 return root;
                }
31
32 🔻
             int getHeight(Node* root){
33
               //Write your code here
34
35
36
37 };//End of Solution
38 v int main(){
39
         Solution myTree;
         Node* root=NULL;
41
         int T,data;
42
         cin>>T;
43 י
         while(T-->0){
44
45
46
             cin>>data;
             root= myTree.insert(root,data);
47
         int height= myTree.getHeight(root);
48
         cout<<height;
49
         return 0;
50
51
52
53
54
                                                                                                                                          Line: 7 Col: 1
                          Test against custom input
                                                                                                                            Run Code
                                                                                                                                           Submit Code
1 Upload Code as File
```

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