16/11/2017 HackerRank

















Points: 25 Rank: 183198



Dashboard > Data Structures > Trees > Tree: Top View

Tree: Top View ■





You are given a pointer to the root of a binary tree. Print the top view of the binary tree.

Top view means when you look the tree from the top the nodes you will see will be called the top view of the tree. See the example below. You only have to complete the function.

For example:



Top View: 1 -> 2 -> 5 -> 6

Input Format

You are given a function,

```
void topView(node * root) {
}
```

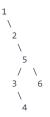
Constraints

 $1 \leq$ Nodes in the tree ≤ 500

Output Format

Print the values on a single line separated by space.

Sample Input



Sample Output

1256

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Explanation



1 Upload Code as File

From the top only nodes 1,2,5,6 will be visible.

```
f y in
Submissions:50042
Max Score:20
Difficulty: Easy
Rate This Challenge:
☆☆☆☆☆
More
```

Run Code

Submit Code

```
Current Buffer (saved locally, editable) \ \mathscr{V} \ \mathfrak{O}
                                                                                                            C++
                                                                                                                                                   \Diamond
 1 ▼ /*
 2 struct node
 3
    {
 4
          int data;
 5
         node* left;
          node* right;
 6
 7
    };
 8
    */
 9
10
11 ▼ void topView(node * root) {
12
13
14
    }
15
                                                                                                                                         Line: 1 Col: 1
```

Test against custom input

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