**Tree - Top View**

<https://www.hackerrank.com/challenges/tree-top-view/problem>

Given a pointer to the root of a binary tree, print the top view of the binary tree.

The tree as seen from the top the nodes, is called the top view of the tree.

For example :

1

\

2

\

5

/ \

3 6

\

4

Top View : 1 -> 2 -> 5 -> 6

Complete the function topView and print the resulting values on a single line separated by space.

**Input Format**

You are given a function,

void topView(node \* root) {

}

**Constraints**

* *1 <= Nodes in the tree <= 500*

**Output Format**

Print the values on a single line separated by space.

**Sample Input**

1

\

2

\

5

/ \

3 6

\

4

**Sample Output**

1 2 5 6

**Explanation**

1

\

2

\

5

/ \

3 6

\

4

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