Tree : Top View

You are given a pointer to the root of a binary tree. Print the top view of the binary tree.
You only have to complete the function.
For example :

```
   3
  /  \
 5    2
/ \  / \
1  4 6  7
\     /
 9    8
Top View : 1 -> 5 -> 3 -> 2 -> 7
```

Input Format

You are given a function,

```
void top_view(node * root)
{

}
```

Output Format

Print the values on a single line separated by space.

Sample Input

```
   3
  /  \
 5    2
/ \  / \
1  4 6  7
\     /
 9    8
```

Sample Output

```
1 5 3 2 7
```

Explanation

```
   3
  /  \
 5    2
/ \  / \
1  4 6  7
\     /
 9    8
```

From the top only nodes 1,5,3,2 and 7 will be visible.