Right Side View of Binary Tree

Rules:

1. Plagiarism is forbidden.
2. Write your program with C++.

Problem Definition:

- ✓ Imagine yourself standing on the right side of the binary tree.
- ✓ You need to return the ride side view of the binary tree (from top to bottom).
- ✓ You will be given InOrder and PostOrder traversal of the binary tree.
- ✓ You need to construct the whole tree first, and then return the Right Side View of the Binary tree using BFS.
- ✓ You need to use "Breadth First Search" concept in your code.

I/O Format:

Example 1:

Input:

```
2 5 1 3 4
5 2 4 3 1
```

The first line is the InOrder traversal of the tree.

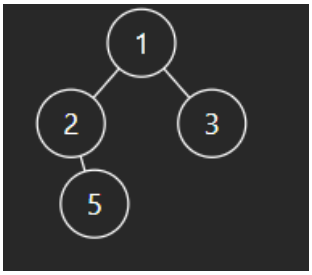
The second line is the PostOrder traversal of the tree.

Output:

```
1
3
4
```

Explanation:

✧ The corresponding Tree:



InOrder: 2 5 1 3

PostOrder: 5 2 3 1

What you Observed from the Rigth Side (top to bottom): 1 3 5

Constraints:

✓ $1 \leq$ Node_Number ≤ 1000

✓ Each node value is unique

✓ Each value appears in InOrder will also appears in PostOrder.