Tree: Preorder Traversal

Complete the *preOrder* function in the editor below, which has 1 parameter: a pointer to the root of a binary tree. It must print the values in the tree's preorder traversal as a single line of space-separated values.

Input Format

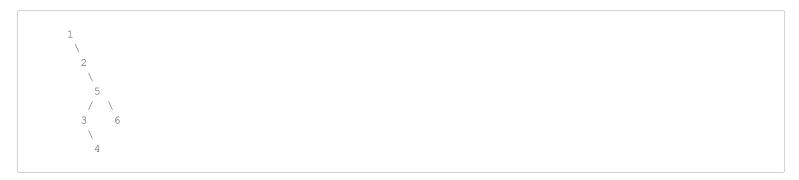Our test code passes the root node of a binary tree to the *preOrder* function.

Constraints

$1 \leq$ Nodes in the tree ≤ 500

Output Format

Print the tree's preorder traversal as a single line of space-separated values.

Sample Input

```
      1
       \
        2
         \
          5
         /  \
        3    6
         \
          4
```

Sample Output

```
1 2 5 3 4 6
```

Explanation

The preorder traversal of the binary tree is printed.