

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.

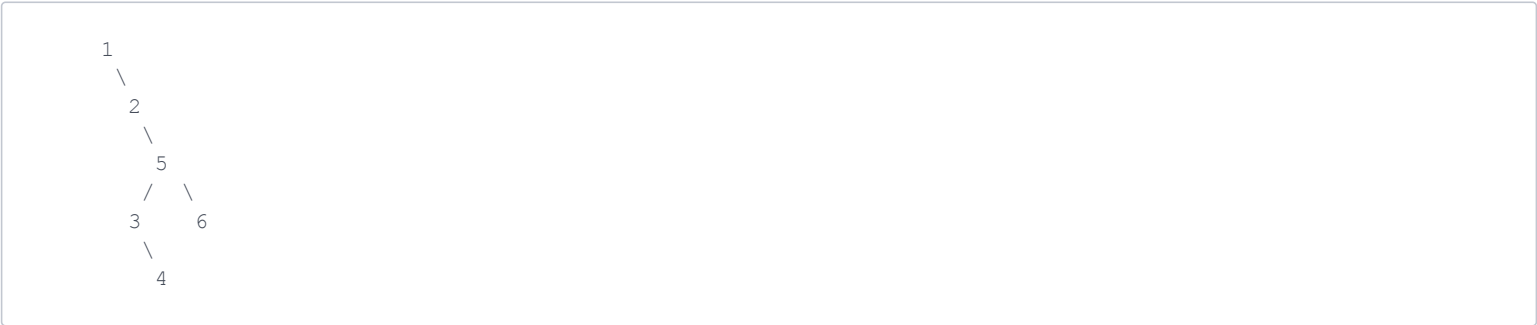
Constraints

$1 \leq \text{Nodes in the tree} \leq 500$

Output Format

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

Sample Input



Sample Output

1 2 5 3 4 6

Explanation

The preorder traversal of the binary tree is printed.