HackerRank

Tree: Postorder Traversal

Complete the *postOrder* function in the editor below. It received 1 parameter: a pointer to the root of a binary tree. It must print the values in the tree's postorder traversal as a single line of space-separated values.

Input Format

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

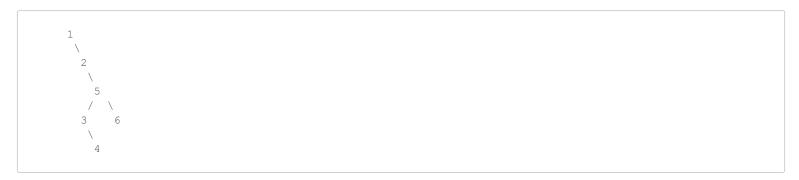
Constraints

 $1 \leq$ Nodes in the tree ≤ 500

Output Format

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

Sample Input



Sample Output

4 3 6 5 2 1

Explanation

The postorder traversal is shown.