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Tree: Preorder Traversal



Problem Submissions Leaderboard Discussions Editorial

Complete the *preOrder* function in your 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 hidden tester code passes the root node of a binary tree to your preOrder function.

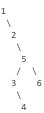
Constraints

 $1 \leq$ Nodes in the tree ≤ 500

Output Format

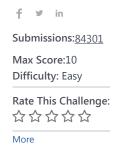
Print the tree's preorder traversal as a single line of space-separated values.

Sample Input



Sample Output

1 2 5 3 4 6



Current Buffer (saved locally, editable) & 🗘







 $1 \checkmark /*$ you only have to complete the function given below.

2 Node is defined as

3

```
class Node {
 4
 5
         int data;
 6
         Node left;
 7
         Node right;
 8
    }
 9
    */
10
11
12 ▼ void preOrder(Node root) {
13
         if(root != null)
14 ▼
             System.out.print(root.data + " ");
15
16
             preOrder(root.left);
17
             preOrder(root.right);
18
         }
    }
19
20
                                                                                                                     Line: 1 Col: 1
<u>♣ Upload Code as File</u> Test against custom input
                                                                                                         Run Code
                                                                                                                      Submit Code
                                          Congrats, you solved this challenge!
                                                 Challenge your friends: f 😼 in

✓ Test Case #0

                                                         ✓ Test Case #1
                                                                                                   ✓ Test Case #2
                                                         ✓ Test Case #4
                ✓ Test Case #3

✓ Test Case #5
```

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Next Challenge

You've earned 10.00 points.

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