



Tree: Inorder Traversal ★

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Problem

Submissions

Leaderboard

Editorial

In this challenge, you are required to implement inorder traversal of a tree.

Complete the ***inOrder*** 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 inorder 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 \$inOrder* function.

Constraints

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

Output Format

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

Sample Input

```

1
 \
 2
  \
  5
 /  \
3    6
 \
 4

```

Sample Output

1 2 3 4 5 6

Explanation

The tree's inorder traversal results in **1 2 3 4 5 6** as the required result.

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Language

Python 3



```

1 class Node: ...
36
37 """
38 Node is defined as

```

```
38 node is defined as
39 self.left (the left child of the node)
40 self.right (the right child of the node)
41 self.info (the value of the node)
42 """
43 def inOrder(root):
44     #Write your code here
45     if root.left:
46         inOrder(root.left)
47     print(root.info, end=" ")
48     if root.right:
49         inOrder(root.right)
50 ...
```

EMACS

Line: 49 Col: 28

 Upload Code as File

☐ Test against custom input

Run Code


Submit Code

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29%

281/475



Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

✔ Test case 0

Compiler Message

✔ Test case 1

Success

✔ Test case 2

Input (stdin)

1

6

Download

✓ Test case 3

✓ Test case 4

✓ Test case 5

2

1 2 5 3 6 4

Expected Output

1

1 2 3 4 5 6

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