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Dashboard > Data Structures > Linked Lists > Print in Reverse

Points: 235   Rank: 34184

Print in Reverse 🔖

H by harsha_s

Problem	Submissions	Leaderboard	Discussions	Editorial

This challenge is part of a tutorial track by MyCodeSchool and is accompanied by a video lesson.

You are given the pointer to the head node of a linked list and you need to print all its elements in reverse order from tail to head, one element per line. The head pointer may be null meaning that the list is empty - in that case, do not print anything!

Input Format
You have to complete the `void ReversePrint(Node* head)` method which takes one argument - the head of the linked list. You should NOT read any input from stdin/console.

Output Format
Print the elements of the linked list in reverse order to stdout/console (using `printf` or `cout`), one per line.

Sample Input

```
1 --> 2 --> NULL
2 --> 1 --> 4 --> 5 --> NULL
```
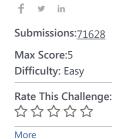
Sample Output

```
2
1
5
4
1
2
```

Explanation
1. First list is printed from tail to head hence 2,1
2. Similarly second list is also printed from tail to head.

Video lesson

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Submissions:71628

Max Score:5
Difficulty: Easy

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```
1  /*
2     Print elements of a linked list in reverse order
```

```
 3    head pointer input could be NULL as well for empty list
 4    Node is defined as
 5    class Node {
 6        int data;
 7        Node next;
 8    }
 9  */
10      // This is a "method-only" submission.
11      // You only need to complete this method.
12
13 ▾ void ReversePrint(Node head) {
14    // This is a "method-only" submission.
15    // You only need to complete this method.
16
17  }
18
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

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