16/11/2017 HackerRank



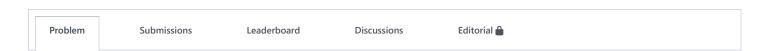


Points: 25 Rank: 183198

Dashboard > Data Structures > Linked Lists > Print in Reverse

Print in Reverse





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

Sample Output

2

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

f in
Submissions:71680
Max Score:5
Difficulty: Easy
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```
3
      head pointer could be NULL as well for empty list
 4
      Node is defined as
 5
      struct Node
 6
 7
         int data;
 8
         struct Node *next;
 9
10
11 void ReversePrint(Node *head)
      // This is a "method-only" submission.
13
      // You only need to complete this method.
14
15
16
                                                                                                                  Line: 1 Col: 1
1 Upload Code as File
                     Test against custom input
                                                                                                      Run Code
                                                                                                                   Submit Code
```

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