



# Insert a Node at the Tail of a Linked List

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 an integer to add to the list. Create a new node with the given integer. Insert this node at the tail of the linked list and return the head node of the linked list formed after inserting this new node. The given head pointer may be null, meaning that the initial list is empty.

## Input Format

You have to complete the `Node* Insert(Node* head, int data)` method. It takes two arguments: the head of the linked list and the integer to insert. You should **not** read any input from the stdin/console.

## Output Format

Insert the new node at the tail and just return the head of the updated linked list. Do **not** print anything to stdout/console.

## Sample Input

```
NULL, data = 2
2 --> NULL, data = 3
```

## Sample Output

```
2 --> NULL
2 --> 3 --> NULL
```

## Explanation

1. We have an empty list, and we insert **2**.
2. We start with a **2** in the tail. When **3** is inserted, **3** then becomes the tail.

## Video lesson

[f](#) [t](#) [in](#)Submissions: [98072](#)

Max Score: 5

Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

[More](#)

Current Buffer (saved locally, editable)

Java 7



```
1 /*
2 Insert Node at the end of a linked list
```

```
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 Node Insert(Node head,int data) {
11 // This is a "method-only" submission.
12 // You only need to complete this method.
13
14 }
15
```

Line: 1 Col: 1

 [Upload Code as File](#)

Run Code

Submit Code

Join us on IRC at [#hackerrank](#) on freenode for hugs or bugs.

[Contest Calendar](#) | [Blog](#) | [Scoring](#) | [Environment](#) | [FAQ](#) | [About Us](#) | [Support](#) | [Careers](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Request a Feature](#)