# Insert a node at the head 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're 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 head of the linked list and return the new head node. The head pointer given may be null meaning that the initial list is empty.

**Input Format**

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

**Output Format**

Insert the new node at the head and `return` the head of the updated linked list. Do NOT print anything to stdout/console.

**Sample Input**

NULL , data = 1
1 --> NULL , data = 2

**Sample Output**

```
1 --> NULL
2 --> 1 --> NULL
```

**Explanation**

1. We have an empty list, on inserting 1, 1 becomes new head.
2. We have a list with 1 as head, on inserting 2, 2 becomes the new head.

**Video lesson**

Submissions:94294

Max Score:5
Difficulty: Easy

Rate This Challenge:

More

Current Buffer (saved locally, editable) Java 7

```
/*
  Insert Node at the beginning of a linked list
  head pointer input could be NULL as well for empty list
```

```
  Node is defined as
  class Node {
     int data;
     Node next;
  }
*/
// This is a "method-only" submission.
// You only need to complete this method.

Node Insert(Node head,int x) {

}

```

Line: 1 Col: 1

Upload Code as File

Run Code | Submit Code