Insert a node at the head of a linked list

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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: 65115
Max Score: 5
Difficulty: Easy

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Current Buffer (saved locally, editable) C++

```
/*
  Insert Node at the begining of a linked list
  Initially head pointer argument could be NULL for empty list
  Node is defined as
  struct Node
```

```
  {
     int data;
     struct Node *next;
  }
return back the pointer to the head of the linked list in the below method.
*/
Node* Insert(Node *head,int data)
{
    struct Node* buffer = (struct Node*) malloc ( sizeof(Node));
    buffer->data = data;
    buffer->next = head;
    head = buffer;
    return head;
}

```

Line: 1 Col: 1

Upload Code as File

Run Code | Submit Code

Congrats, you solved this challenge!

- ✔ Test Case #0
- ✔ Test Case #1
- ✔ Test Case #2
- ✔ Test Case #3
- ✔ Test Case #4
- ✔ Test Case #5
- ✔ Test Case #6
- ✔ Test Case #7

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