



Delete a Node

by [harsha_s](#)

Problem

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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 the position of a node to delete. Delete the node at the given position and return the head node. A position of 0 indicates head, a position of 1 indicates one node away from the head and so on. The list may become empty after you delete the node.

Input Format

You have to complete the `Node* Delete(Node* head, int position)` method which takes two arguments - the head of the linked list and the position of the node to delete. You should NOT read any input from stdin/console. `position` will always be at least 0 and less than the number of the elements in the list.

Output Format

Delete the node at the given position and return the head of the updated linked list. Do NOT print anything to stdout/console.

Sample Input

```
1 --> 2 --> 3 --> NULL, position = 0
1 --> NULL, position = 0
```

Sample Output

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

Explanation

- 0th position is removed, 1 is deleted from the list.
- Again 0th position is deleted and we are left with empty list.

Video lesson

[f](#) [t](#) [in](#)Submissions: [70669](#)

Max Score: 5

Difficulty: Easy

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Java 7



```
1 /*
2  Delete Node at a given position in 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 // This is a "method-only" submission.
11 // You only need to complete this method.
12
13 Node Delete(Node head, int position) {
14     // Complete this method
15 }
16 }
17
18
```

Line: 1 Col: 1

 [Upload Code as File](#) ☐ Test against custom input

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