





Rank





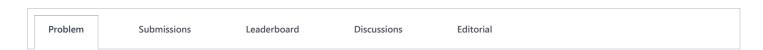


Points: 235 Rank: 34183

Dashboard > Data Structures > Linked Lists > Delete a Node

# Delete a Node





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.

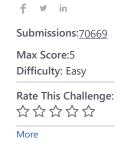
# Sample Input

#### Sample Output

## **Explanation**

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

#### Video lesson





```
4
      Node is defined as
 5
      class Node {
 6
         int data;
 7
         Node next;
 8
 9
         // This is a "method-only" submission.
10
11
         // You only need to complete this method.
12
13 ▼ Node Delete(Node head, int position) {
      // Complete this method
14
15
16
    }
17
18
                                                                                                                   Line: 1 Col: 1
                                                                                                       Run Code
                                                                                                                    Submit Code
1 Upload Code as File
                     Test against custom input
```

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