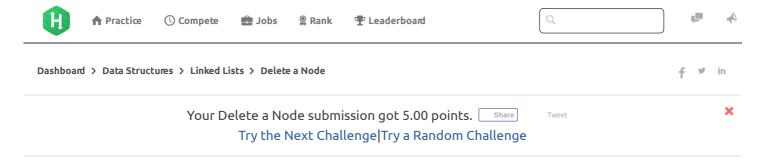
11/06/2017 HackerRank



Delete a Node



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 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

- 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

f in
Submissions:55901
Max Score:5
Difficulty: Easy
Rate This Challenge:
☆☆☆☆☆
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```
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 5
 6
          int data;
 7
         struct Node *next;
 8
 9
   Node* Delete(Node *head, int position)
10
11 ▼ {
12
      struct Node *current;
13
        int pos=0;
14
        current = head;
15
        if(position == 0)
16
17 ▼
18
                 head = head->next;
19
20
            }
21
        else
22 ▼
        {while(pos<position-1)
23 ▼
                 {
24
                      current = current->next;
25
                      pos++;
26
             current->next = current->next->next;
27
28
29
30
        return head;
31
    }
32
                                                                                                       Line: 19 Col: 13
<u>♣ Upload Code as File</u> Test against custom input
                                                                                              Run Code
                                                                                                          Submit Code
```

✓ Test Case #3	✓ Test Case #4	✓ Test Case #5
✓ Test Case #6	✓ Test Case #7	✓ Test Case #8
✓ Test Case #9		

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