

203. Remove Linked List Elements

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Question

Editorial Solution

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Total Accepted: **94910** Total Submissions: **306252** Difficulty: **Easy** Contributors: **Admin**Remove all elements from a linked list of integers that have value **val**.

Example

Given: 1 → 2 → 6 → 3 → 4 → 5 → 6, **val** = 6**Return:** 1 → 2 → 3 → 4 → 5

Credits:

Special thanks to @mithmatt (<https://leetcode.com/discuss/user/mithmatt>) for adding this problem and creating all test cases.

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```
1 # Definition for singly-linked list.
2 # class ListNode(object):
3 #     def __init__(self, x):
4 #         self.val = x
5 #         self.next = None
6
7 class Solution(object):
8     def removeElements(self, head, val):
9         """
10         :type head: ListNode
11         :type val: int
12         :rtype: ListNode
13         """
14         temp=ListNode(float("-inf"))
15         temp.next=head
16         prev,curr=temp,temp.next
17         while curr:
18             if curr.val==val:
19                 prev.next=curr.next
20             else:
21                 prev=curr
22                 curr=curr.next
23         return temp.next
24
```

Notes

Custom Testcase ☐

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