

Remove duplicates from sorted list

```
class Solution {
public:
    ListNode* deleteDuplicates(ListNode* head) {
        ListNode dummy(0, head);
        ListNode* prev = &dummy;

        while (head) {
            if (head->next && head->val == head->next->val) {
                while (head->next && head->val == head->next->val) {
                    head = head->next;
                }
                prev->next = head->next;
            } else {
                prev = prev->next;
            }
            head = head->next;
        }
        return dummy.next;
    }
};
```

Problem List < > ↺

Description Editorial Solutions Accepted × Submissions

← All Submissions

Accepted 166 / 166 testcases passed


12ananya submitted at Feb 13, 2025 22:01

Editorial Solution

Runtime 0 ms | Beats 100.00% 🏆

Memory 15.50 MB | Beats 99.70% 🏆

Analyze Complexity



Code C++

```
11 class Solution {
12 public:
13     ListNode* deleteDuplicates(ListNode* head) {
14         ListNode dummy(0, head);
15         ListNode* prev = &dummy;
16
17         while (head) {
18             if (head->next && head->val == head->next->val) {
19                 while (head->next && head->val == head->next->val) {
20                     head = head->next;
21                 }
22                 prev->next = head->next;
23             } else {
24                 prev = prev->next;
25             }
26             head = head->next;
27         }
28         return dummy.next;
29     }
30 }
```

Saved Ln 2:

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input