

Remove Duplicates from Sorted List

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Problem List

Run

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0

Premium

Description

Accepted

Editorial

Solutions

Submissions

All Submissions

Accepted

168 / 168 testcases passed

anuprajput974 submitted at Feb 14, 2025 16:31

Editorial

Solution

Runtime

0 ms | Beats 100.00%

Analyze Complexity

Memory

16.27 MB | Beats 35.36%

Code

C++

Auto

```
10  */
11  class Solution {
12  public:
13      ListNode* deleteDuplicates(ListNode* head) {
14          if (!head) return head; // Handle empty list case
15
16          ListNode* current = head;
17          while (current->next) {
18              if (current->val == current->next->val) {
19                  ListNode* duplicate = current->next;
20                  current->next = current->next->next; // Skip duplicate node
21                  delete duplicate; // Free memory
22              } else {
23                  current = current->next; // Move to next node
24              }
25          }
26          return head;
27      }
28  };
29  
```

Saved

Ln 26, Col 21

Testcase

Test Result

Accepted

Runtime: 0 ms

Case 1

Case 2

Input

head =

[1, 1, 2]

/\*\*
 \* Definition for singly-linked list.
 \* struct ListNode {
 \* int val;
 \* ListNode \*next;
 \* ListNode() : val(0), next(nullptr) {}
 \* ListNode(int x) : val(x), next(nullptr) {}
 \* ListNode(int x, ListNode \*next) : val(x), next(next) {}
 \* };
 \*/

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