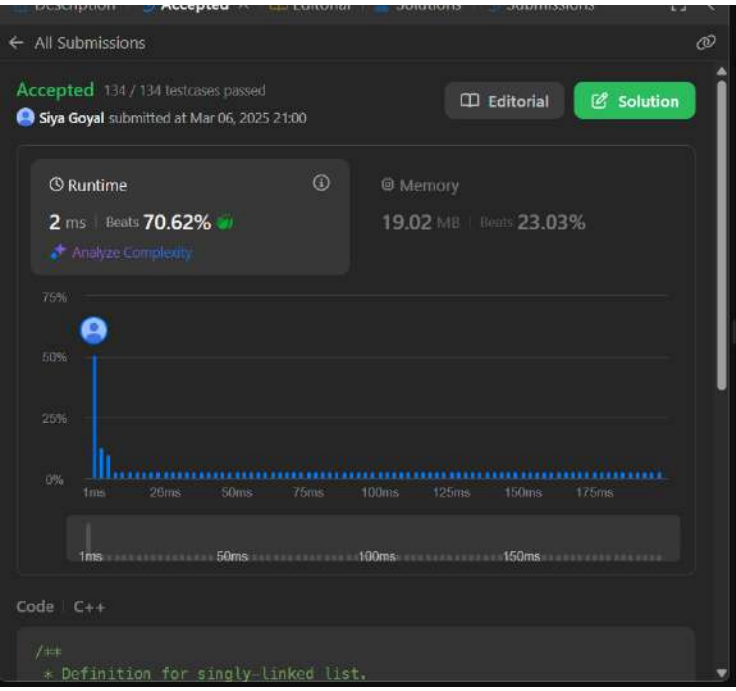
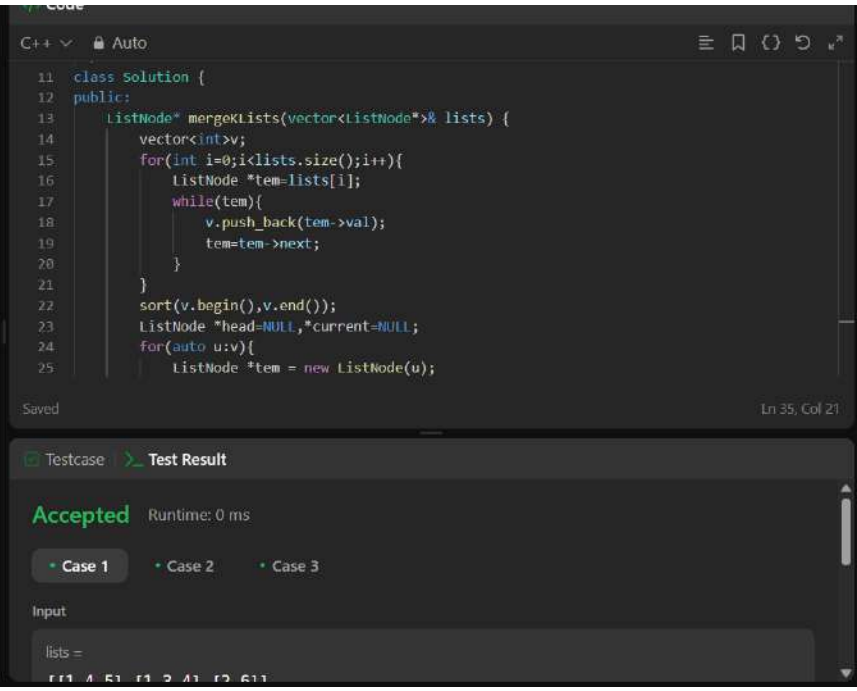
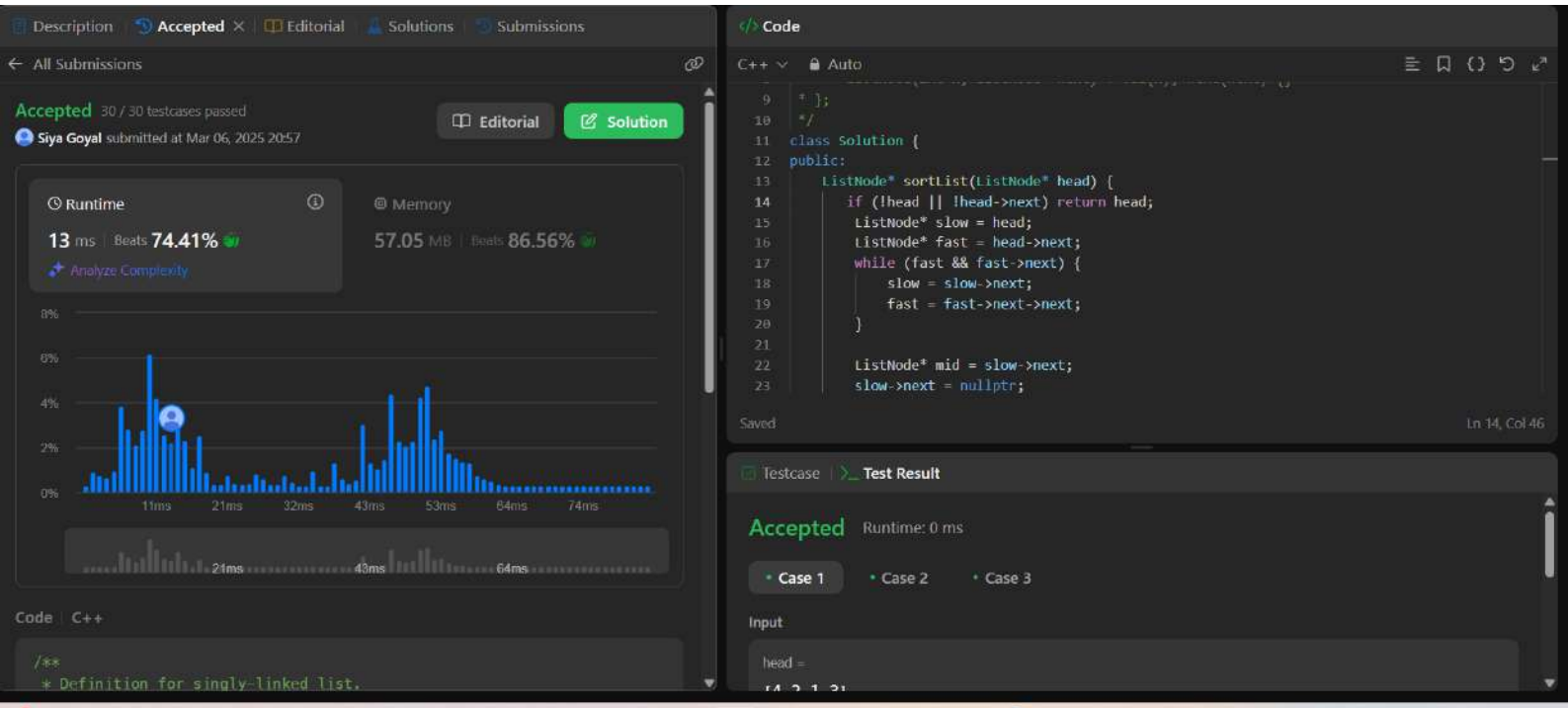

All Submissions
Accepted 134 / 134 testcases passed
Siya Goyal submitted at Mar 06, 2025 21:00
Editorial
Solution
Runtime
2 ms | Beats 70.62%
Analyze Complexity
Memory
19.02 MB | Beats 23.03%
75%
50%
25%
0%
1ms 25ms 50ms 75ms 100ms 125ms 150ms 175ms
1ms 50ms 100ms 150ms
Code | C++
/**
* Definition for singly-linked list.


C++ Auto
class Solution {
public:
ListNode* mergeKLists(vector<ListNode*>& lists) {
vector<int>v;
for(int i=0;i<lists.size();i++){
ListNode *tem=lists[i];
while(tem){
v.push_back(tem->val);
tem=tem->next;
}
}
sort(v.begin(),v.end());
ListNode *head=NULL,*current=NULL;
for(auto u:v){
ListNode *tem = new ListNode(u);
Saved
Ln 35, Col 21
Testcase | Test Result
Accepted Runtime: 0 ms
Case 1
Case 2
Case 3
Input
lists =


Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 30 / 30 testcases passed
Siya Goyal submitted at Mar 06, 2025 20:57
Editorial
Solution
Runtime
13 ms | Beats 74.41%
Analyze Complexity
Memory
57.05 MB | Beats 86.56%
8%
6%
4%
2%
0%
11ms
21ms
32ms
43ms
53ms
64ms
74ms
21ms
43ms
64ms
Code | C++
/**
* Definition for singly-linked list.
Code
C++
Auto
* };
*/
class Solution {
public:
ListNode* sortList(ListNode* head) {
if (!head || !head->next) return head;
ListNode* slow = head;
ListNode* fast = head->next;
while (fast && fast->next) {
slow = slow->next;
fast = fast->next->next;
}
ListNode* mid = slow->next;
slow->next = nullptr;
Saved
Ln 14, Col 46
Testcase | Test Result
Accepted Runtime: 0 ms
Case 1
Case 2
Case 3
Input
head =

Description | Accepted | Editorial | Solutions | Submissions

All Submissions

Accepted 232 / 232 testcases passed

Siya Goyal submitted at Mar 06, 2025 20:56

Editorial | Solution

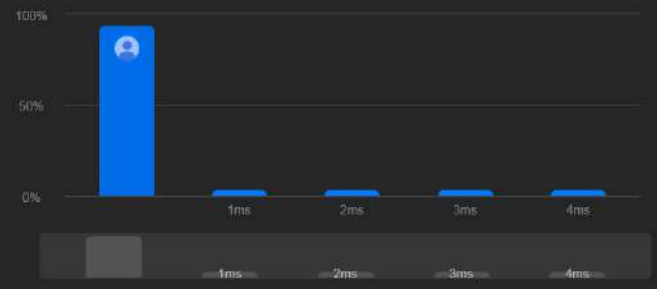
Runtime

0 ms | Beats 100.00%

Analyze Complexity

Memory

16.21 MB | Beats 93.90%



Code | C++

```
/**
 * Definition for singly-linked list.
```

Code

C++ | Auto

```
 * };
 */
class Solution {
public:
    ListNode* rotateRight(ListNode* head, int k) {
        if (!head || !head->next || k == 0) return head;
        ListNode* current = head;
        int length = 1;
        while (current->next)
        {
            length++;
            current = current->next;
        }

        k %= length;
```

Saved

Ln 21, Col 10

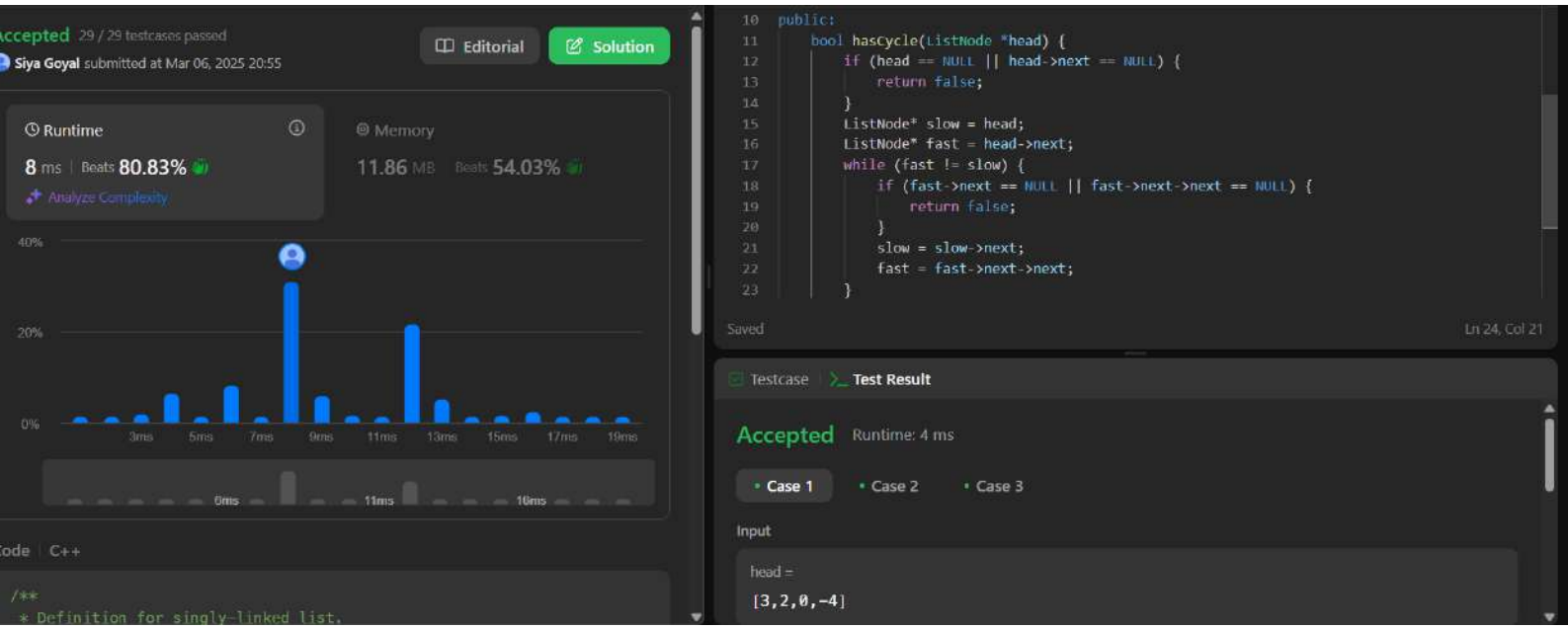
Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 | Case 2

Input

head =




```cpp
public:
    bool hasCycle(ListNode *head) {
        if (head == NULL || head->next == NULL) {
            return false;
        }
        ListNode* slow = head;
        ListNode* fast = head->next;
        while (fast != slow) {
            if (fast->next == NULL || fast->next->next == NULL) {
                return false;
            }
            slow = slow->next;
            fast = fast->next->next;
        }
```

Saved Ln 24, Col 21

Testcase | Test Result

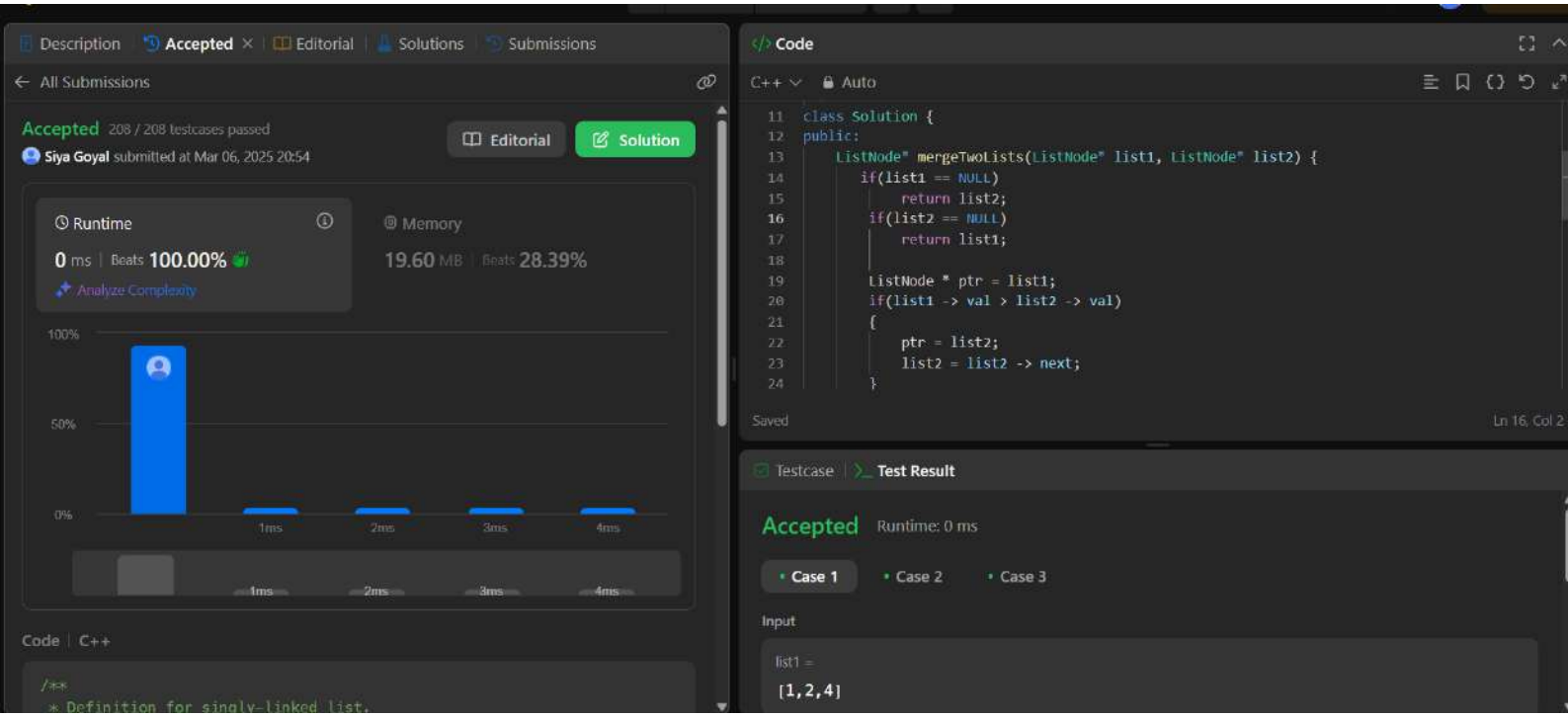
Accepted Runtime: 4 ms

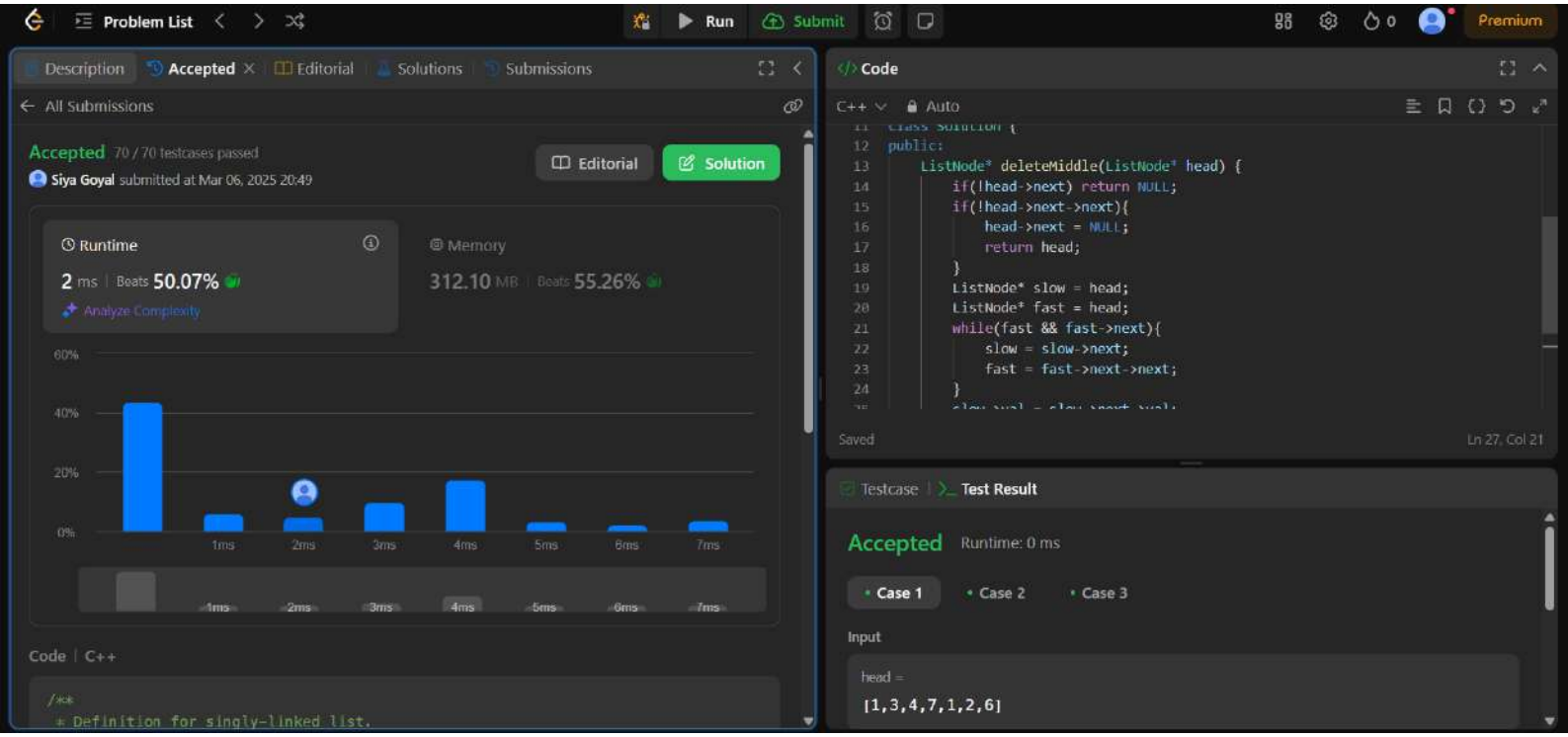
• Case 1 • Case 2 • Case 3

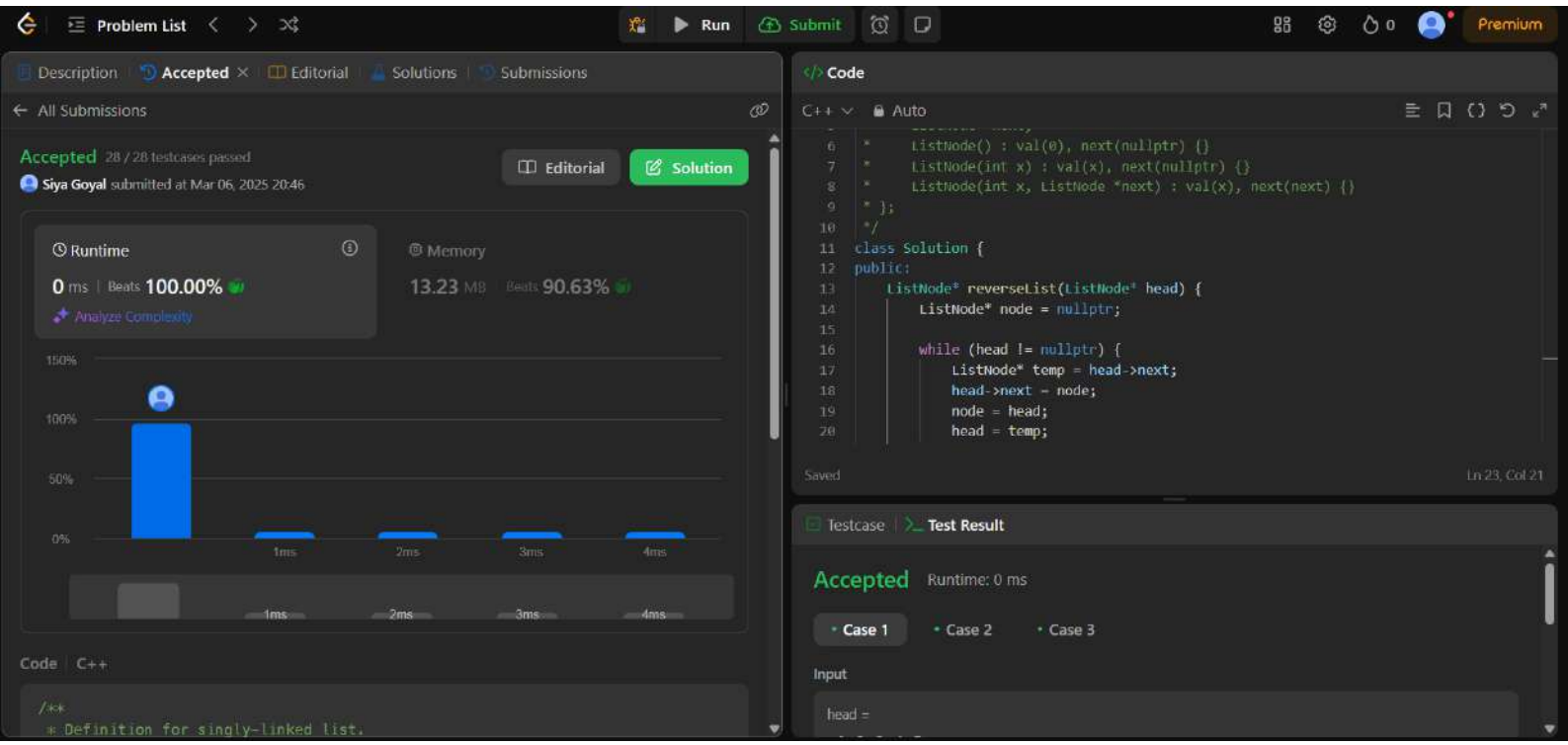
Input

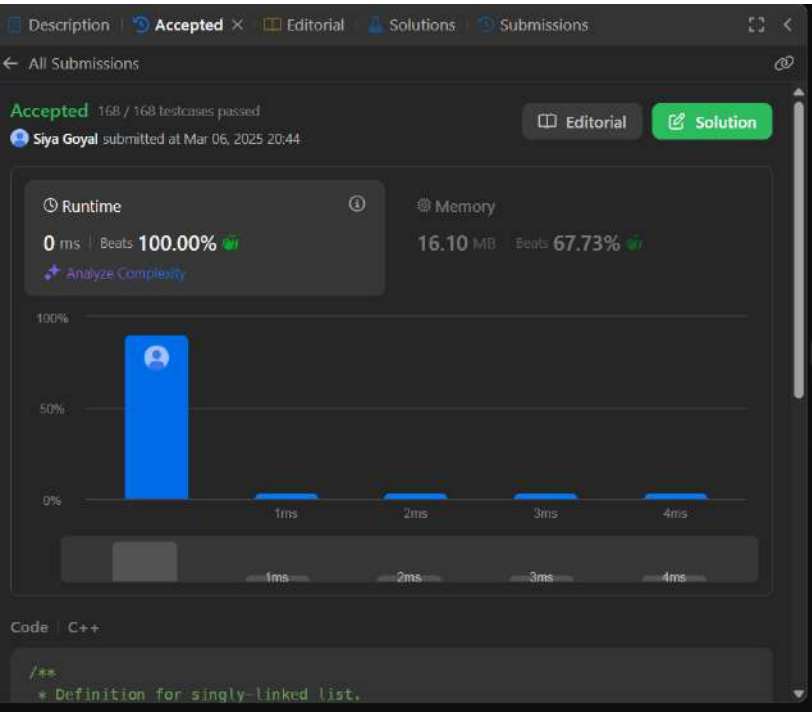
head =

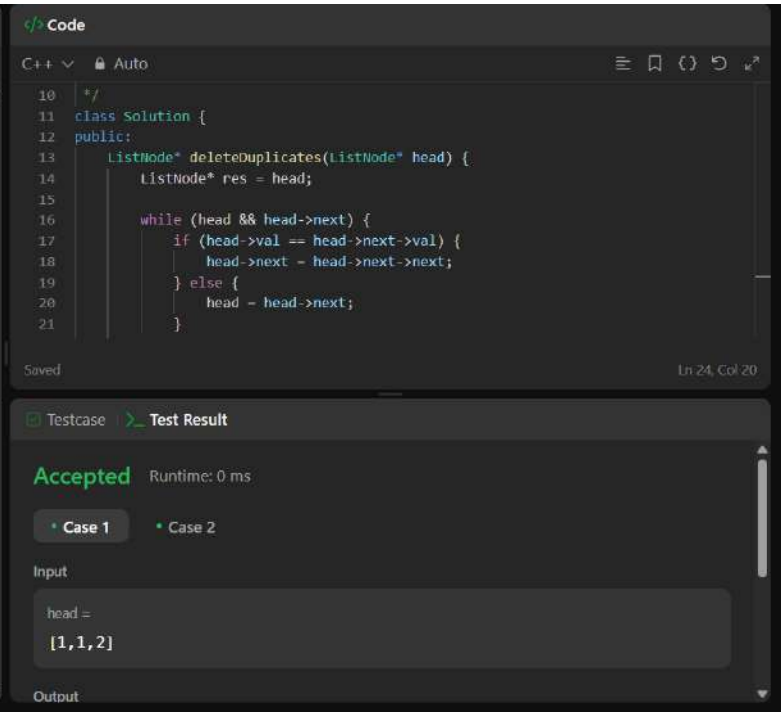
[3,2,0,-4]

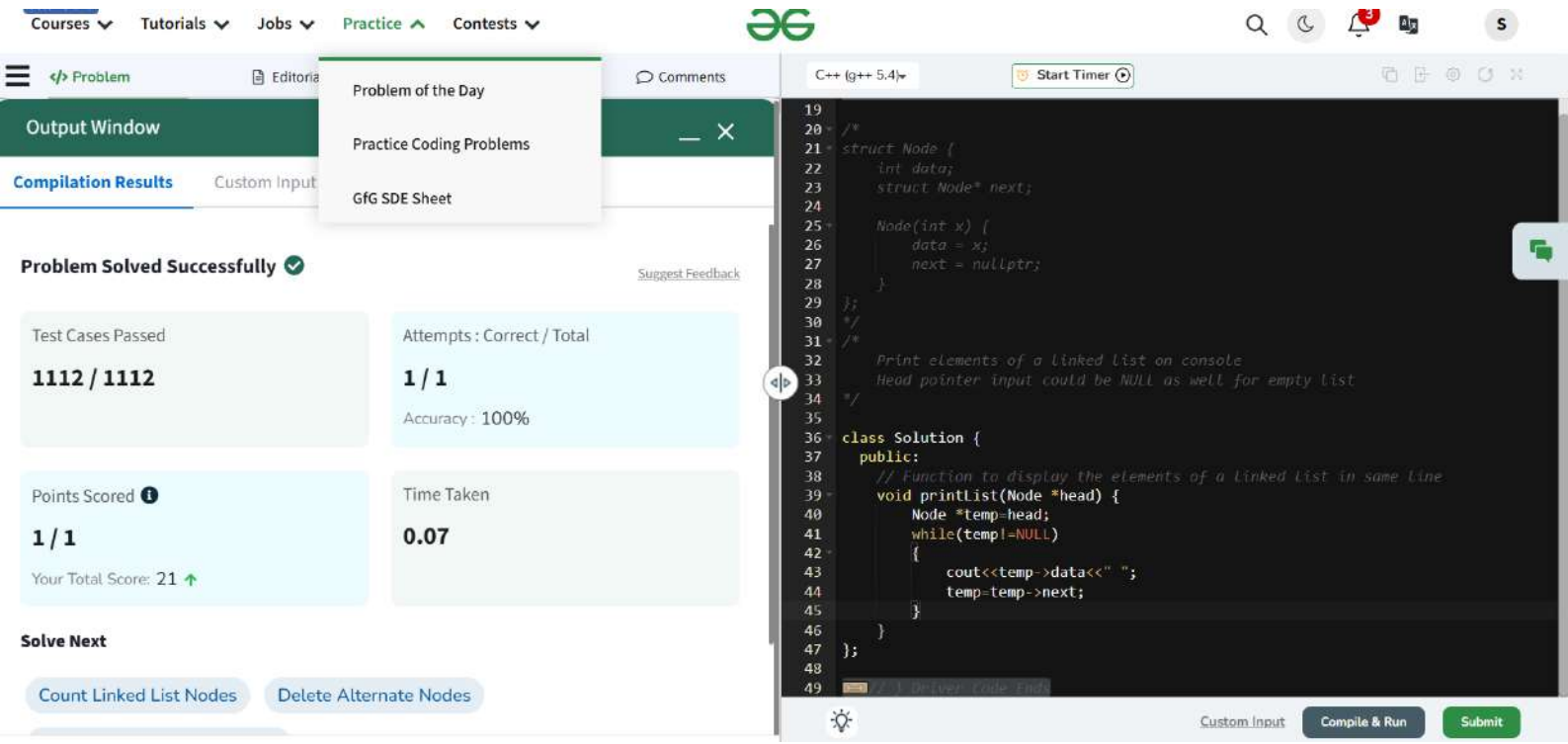

Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 208 / 208 testcases passed
Siya Goyal submitted at Mar 06, 2025 20:54
Editorial
Solution
Runtime
0 ms | Beats 100.00%
Analyze Complexity
Memory
19.60 MB | Beats 28.39%
100%
50%
0%
1ms
2ms
3ms
4ms
Code | C++
/**
* Definition for singly-linked list.
Code
C++
Auto
class Solution {
public:
ListNode* mergeTwoLists(ListNode* list1, ListNode* list2) {
if(list1 == NULL)
return list2;
if(list2 == NULL)
return list1;
ListNode * ptr = list1;
if(list1 -> val > list2 -> val)
{
ptr = list2;
list2 = list2 -> next;
}
Saved
Ln 16, Col 2
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
list1 =
[1,2,4]


Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 70 / 70 testcases passed
Siya Goyal submitted at Mar 06, 2025 20:49
Editorial
Solution
Runtime
2 ms | Beats 50.07%
Analyze Complexity
Memory
312.10 MB | Beats 55.26%
60%
40%
20%
0%
1ms
2ms
3ms
4ms
5ms
6ms
7ms
Code | C++
/**
* Definition for singly-linked list.
Code
C++
Auto
class Solution {
public:
ListNode* deleteMiddle(ListNode* head) {
if(!head->next) return NULL;
if(!head->next->next){
head->next = NULL;
return head;
}
ListNode* slow = head;
ListNode* fast = head;
while(fast && fast->next){
slow = slow->next;
fast = fast->next->next;
}
Saved
Ln 27, Col 21
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
head =
[1,3,4,7,1,2,6]


Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 28 / 28 testcases passed
Siya Goyal submitted at Mar 06, 2025 20:46
Editorial
Solution
Runtime
0 ms | Beats 100.00%
Analyze Complexity
Memory
13.23 MB Beats 90.63%
150%
100%
50%
0%
1ms
2ms
3ms
4ms
Code C++
/**
* Definition for singly-linked list.
Code
C++
Auto
* ListNode() : val(0), next(nullptr) {}
* ListNode(int x) : val(x), next(nullptr) {}
* ListNode(int x, ListNode *next) : val(x), next(next) {}
* };
*/
class Solution {
public:
ListNode* reverseList(ListNode* head) {
ListNode* node = nullptr;
while (head != nullptr) {
ListNode* temp = head->next;
head->next = node;
node = head;
head = temp;
Saved
Ln 23, Col 21
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
head =


Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 168 / 168 testcases passed
Siya Goyal submitted at Mar 06, 2025 20:44
Editorial
Solution
Runtime
0 ms | Beats 100.00%
Analyze Complexity
Memory
16.10 MB Beats 67.73%
100%
50%
0%
1ms
2ms
3ms
4ms
Code | C++
/**
* Definition for singly-linked list.


Code
C++
Auto
*/
class Solution {
public:
ListNode* deleteDuplicates(ListNode* head) {
ListNode* res = head;
while (head && head->next) {
if (head->val == head->next->val) {
head->next = head->next->next;
} else {
head = head->next;
}
Saved
Ln 24, Col 20
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Input
head =
[1,1,2]
Output


Courses
Tutorials
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Problem of the Day
Practice Coding Problems
GfG SDE Sheet
Output Window
Compilation Results
Custom Input
Problem Solved Successfully
Suggest Feedback
Test Cases Passed
1112 / 1112
Attempts : Correct / Total
1 / 1
Accuracy : 100%
Points Scored
1 / 1
Your Total Score: 21
Time Taken
0.07
Solve Next
Count Linked List Nodes
Delete Alternate Nodes
C++ (g++ 5.4)
Start Timer
/*
struct Node {
int data;
struct Node* next;
Node(int x) {
data = x;
next = nullptr;
}
};
*/
/*
Print elements of a linked list on console
Head pointer input could be NULL as well for empty list
*/
class Solution {
public:
// Function to display the elements of a linked list in same line
void printList(Node *head) {
Node *temp=head;
while(temp!=NULL)
{
cout<<temp->data<<" ";
temp=temp->next;
}
}
};
Custom Input
Compile & Run
Submit