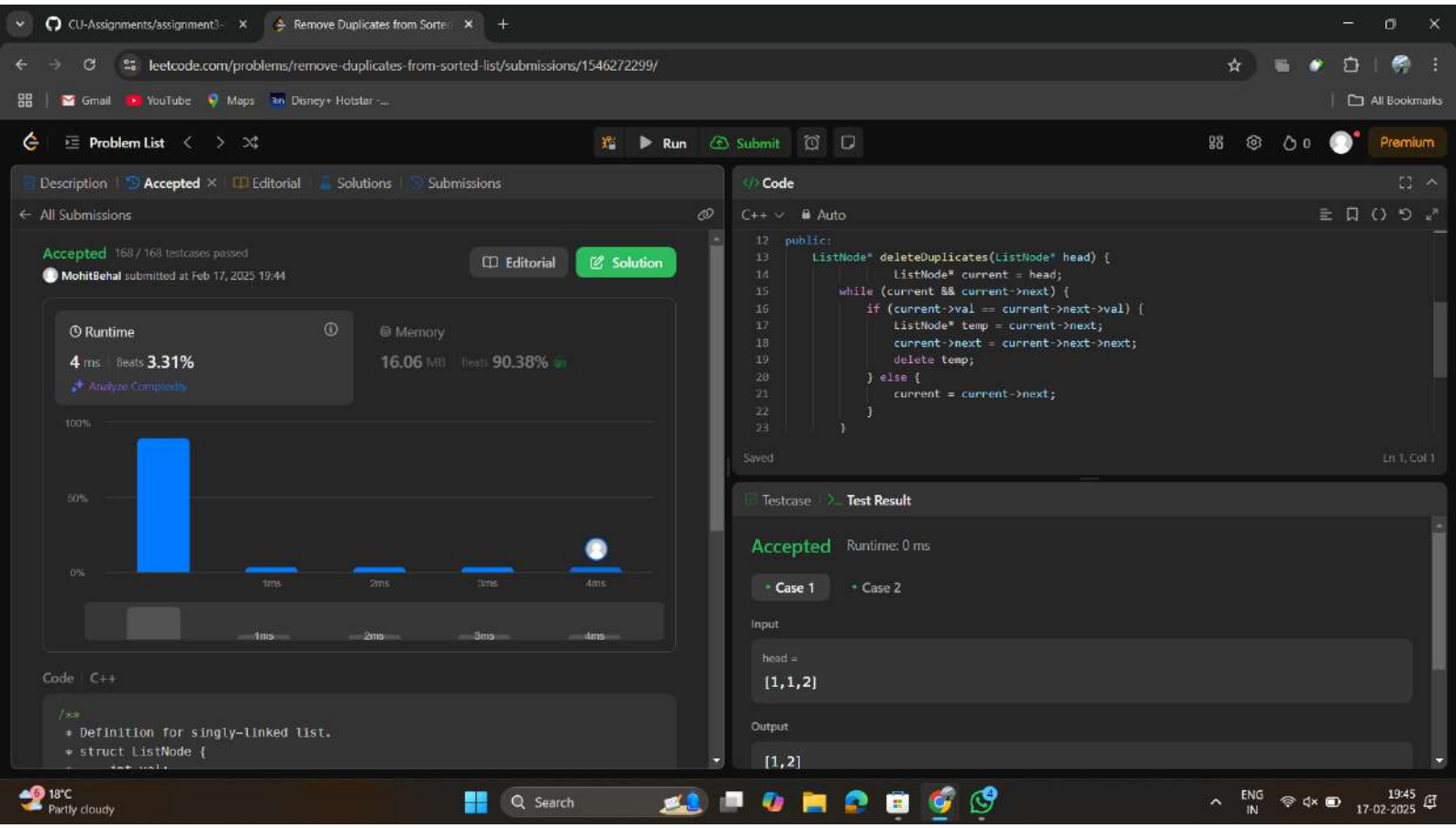
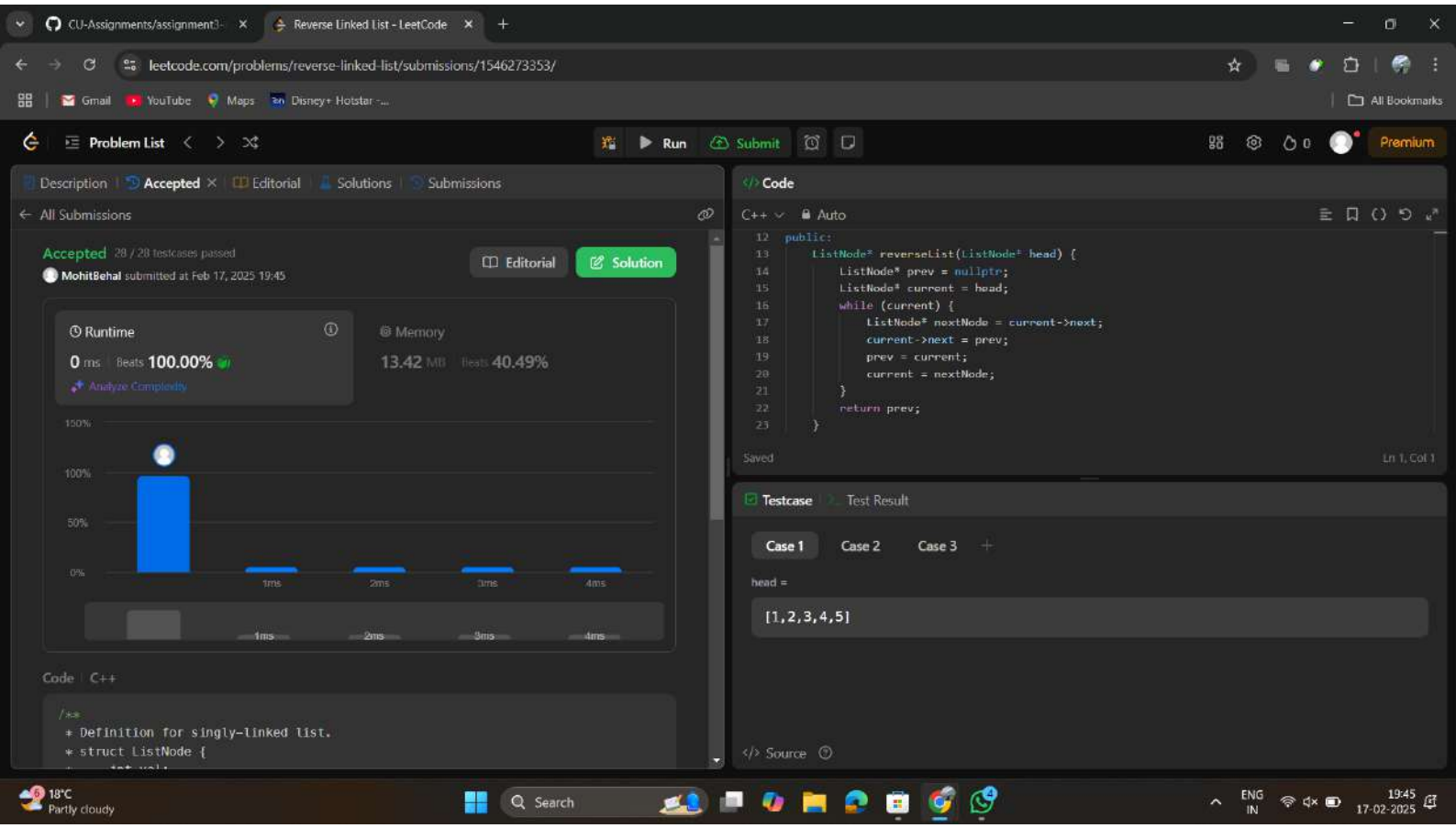
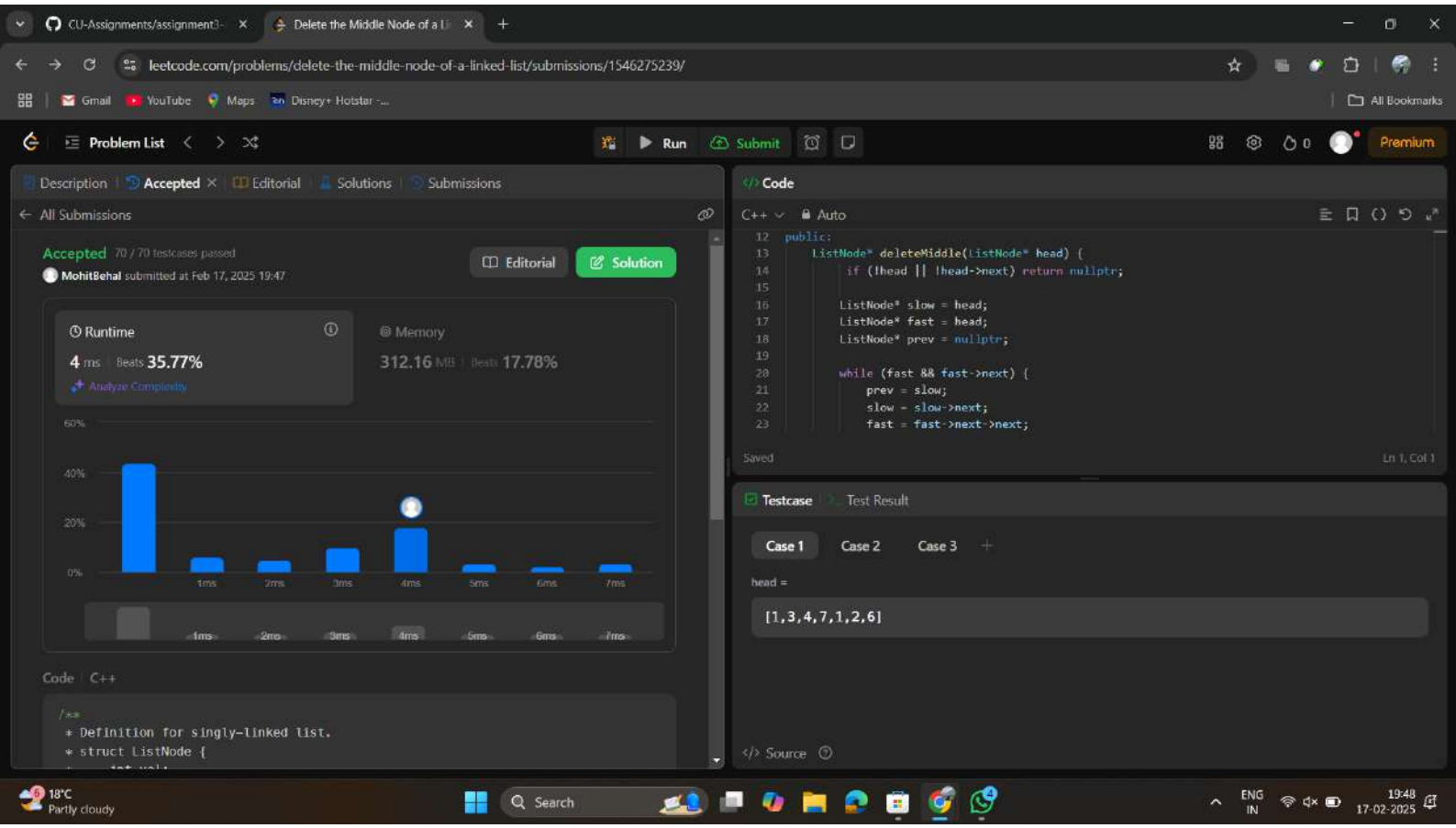
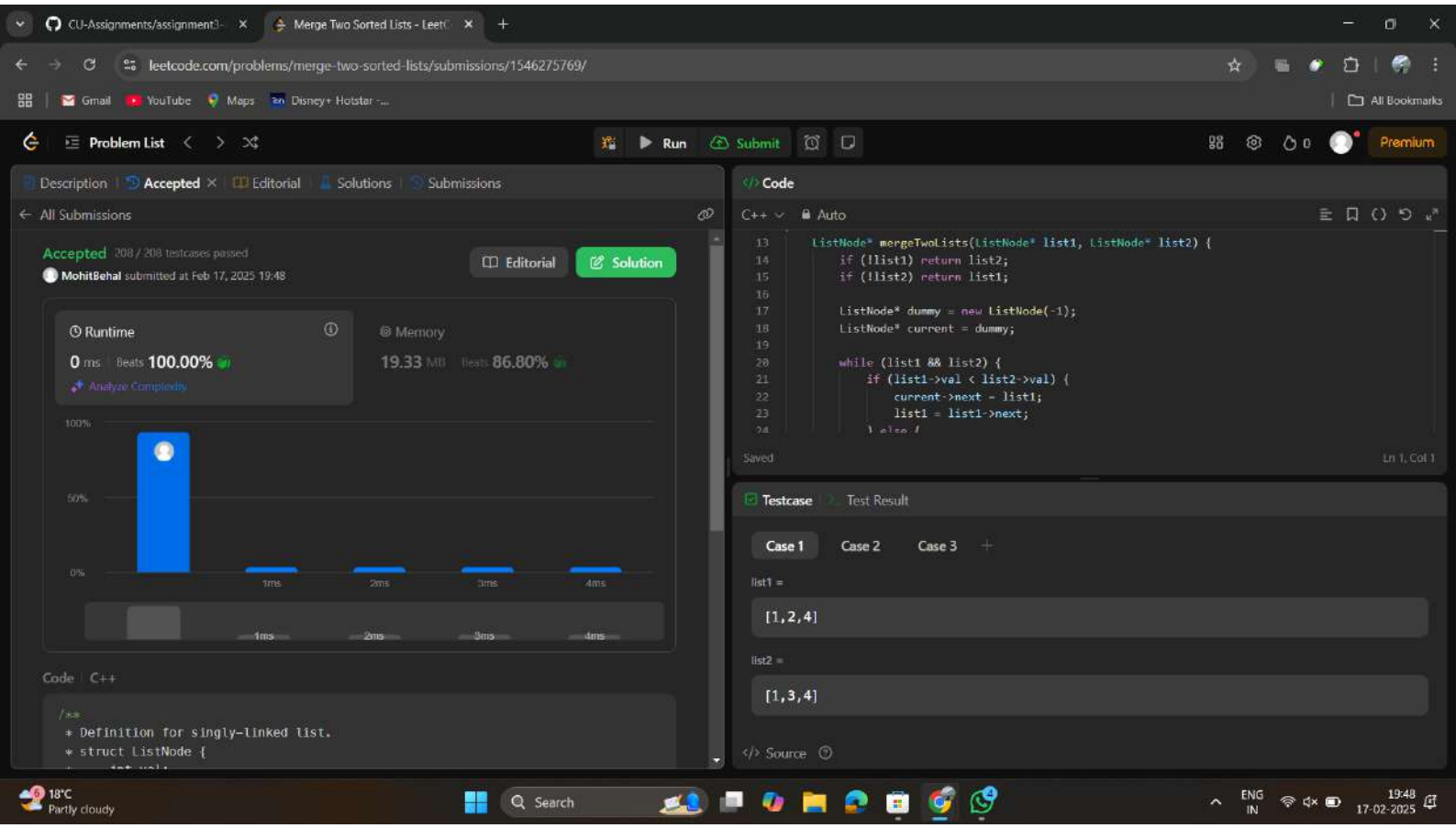
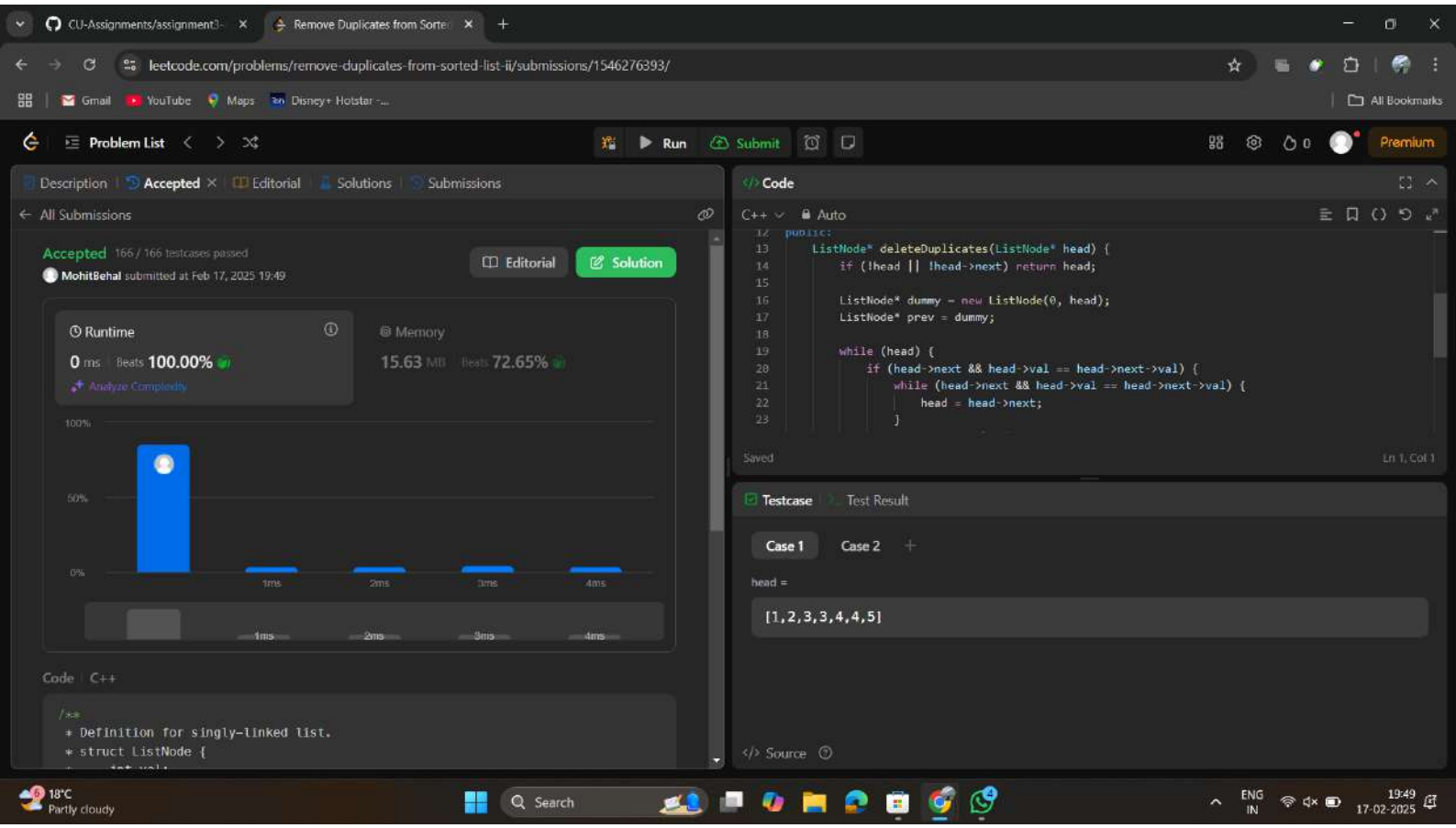
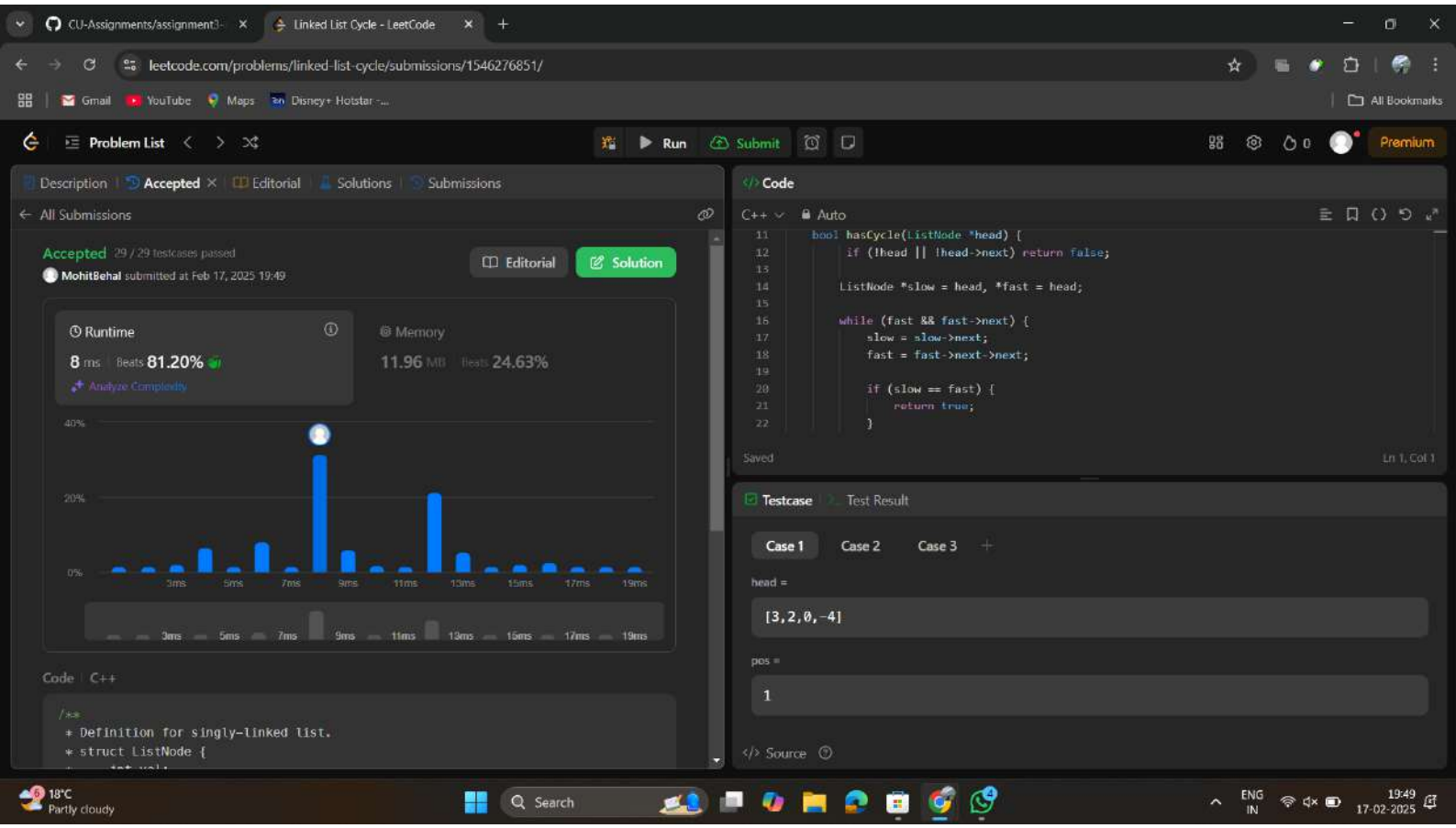

CU-Assignments/assignment3-
Remove Duplicates from Sorted
leetcode.com/problems/remove-duplicates-from-sorted-list/submissions/1546272299/
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 168 / 168 testcases passed
MohitBehal submitted at Feb 17, 2025 19:44
Editorial
Solution
Runtime
4 ms | Beats 3.31%
Analyze Complexity
Memory
16.06 MB | Beats 90.38%
100%
50%
0%
1ms
2ms
3ms
4ms
Code | C++
/**
* Definition for singly-linked list.
* struct ListNode {
Code
C++
Auto
public:
ListNode* deleteDuplicates(ListNode* head) {
ListNode* current = head;
while (current && current->next) {
if (current->val == current->next->val) {
ListNode* temp = current->next;
current->next = current->next->next;
delete temp;
} else {
current = current->next;
}
}
Saved
Ln 1, Col 1
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Input
head =
[1,1,2]
Output
[1,2]
18°C
Partly cloudy
Search
ENG
IN
19:45
17-02-2025

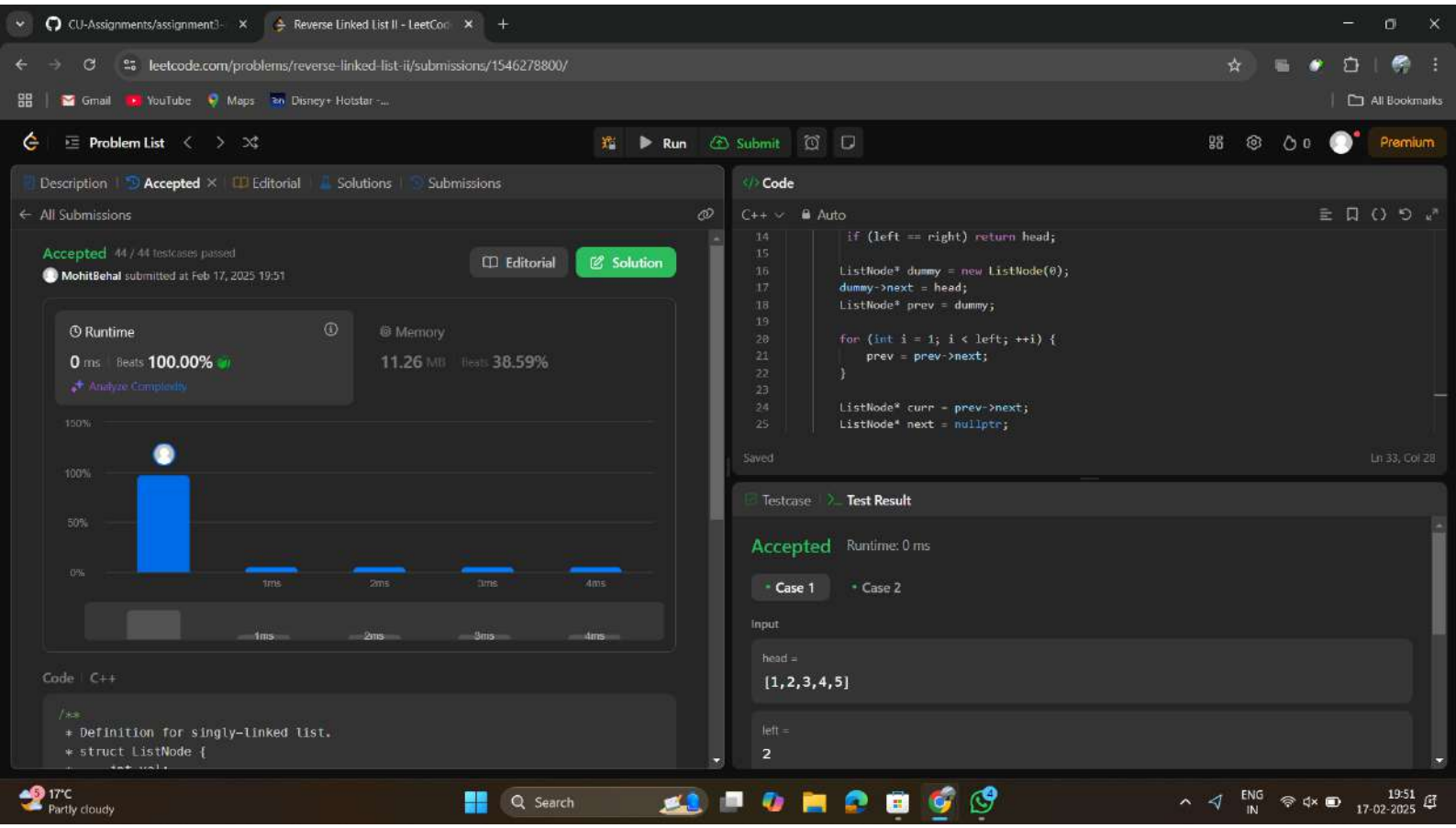

CU-Assignments/assignment3-
Reverse Linked List - LeetCode
leetcode.com/problems/reverse-linked-list/submissions/1546273353/
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 28 / 28 testcases passed
MohitBehal submitted at Feb 17, 2025 19:45
Editorial
Solution
Runtime
0 ms | Beats 100.00%
Analyze Complexity
Memory
13.42 MB | Beats 40.49%
150%
100%
50%
0%
1ms
2ms
3ms
4ms
Code | C++
/**
* Definition for singly-linked list.
* struct ListNode {
Code
C++
Auto
public:
ListNode* reverseList(ListNode* head) {
ListNode* prev = nullptr;
ListNode* current = head;
while (current) {
ListNode* nextNode = current->next;
current->next = prev;
prev = current;
current = nextNode;
}
return prev;
}
Saved
Ln 1, Col 1
Testcase
Test Result
Case 1
Case 2
Case 3
head =
[1,2,3,4,5]
Source
18°C
Partly cloudy
Search
ENG
IN
19:45
17-02-2025

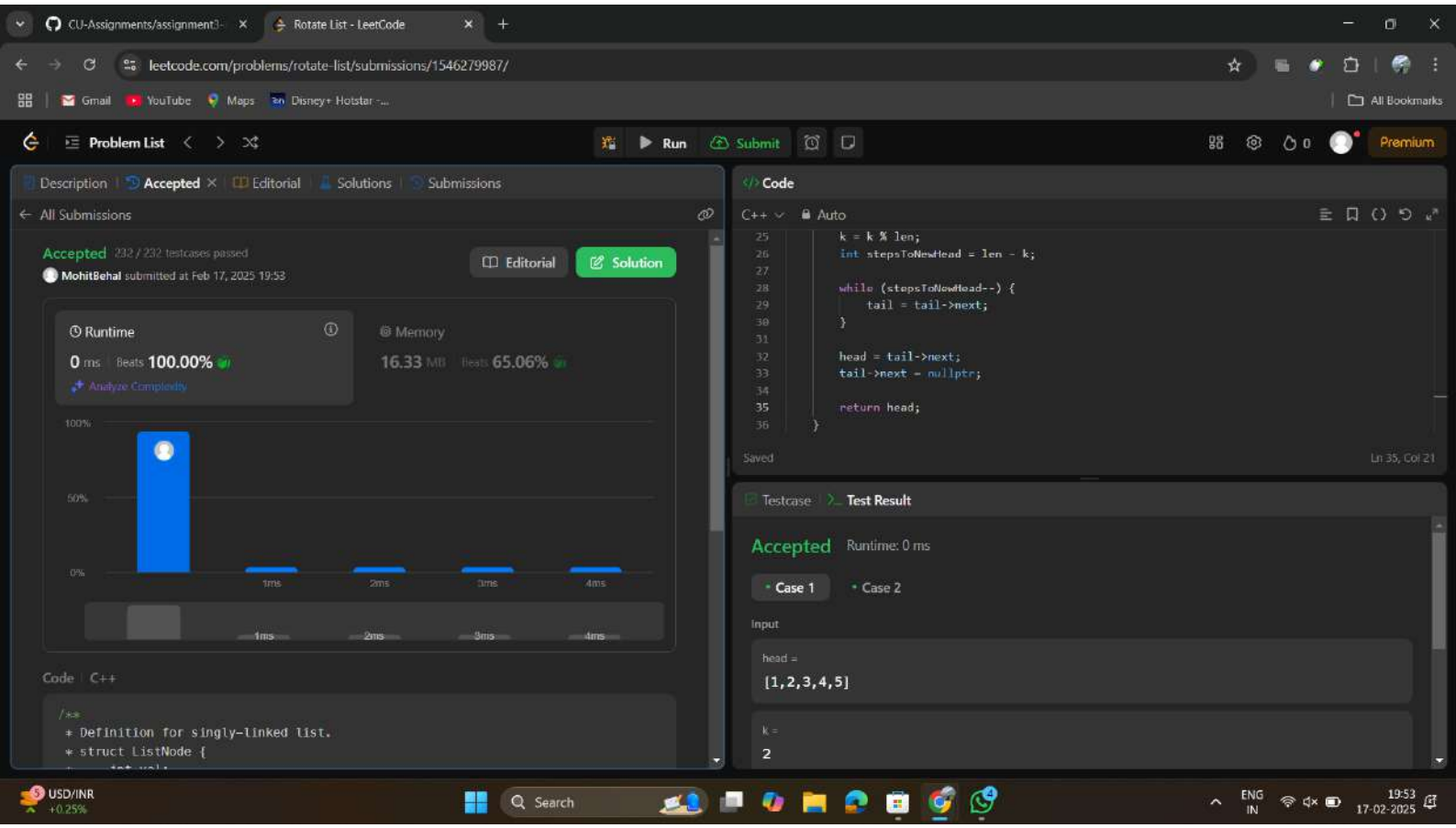

CU-Assignments/assignment3-
Delete the Middle Node of a Li
leetcode.com/problems/delete-the-middle-node-of-a-linked-list/submissions/1546275239/
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 70 / 70 testcases passed
MohitBehal submitted at Feb 17, 2025 19:47
Editorial
Solution
Runtime
4 ms | Beats 35.77%
Analyze Complexity
Memory
312.16 MB | Beats 17.78%
60%
40%
20%
0%
1ms
2ms
3ms
4ms
5ms
6ms
7ms
Code | C++
/**
* Definition for singly-linked list.
* struct ListNode {
Code
C++
Auto
public:
ListNode* deleteMiddle(ListNode* head) {
if (!head || !head->next) return nullptr;
ListNode* slow = head;
ListNode* fast = head;
ListNode* prev = nullptr;
while (fast && fast->next) {
prev = slow;
slow = slow->next;
fast = fast->next->next;
Saved
Ln 1, Col 1
Testcase
Test Result
Case 1
Case 2
Case 3
head =
[1,3,4,7,1,2,6]
Source
18°C
Partly cloudy
Search
ENG
IN
19:48
17-02-2025

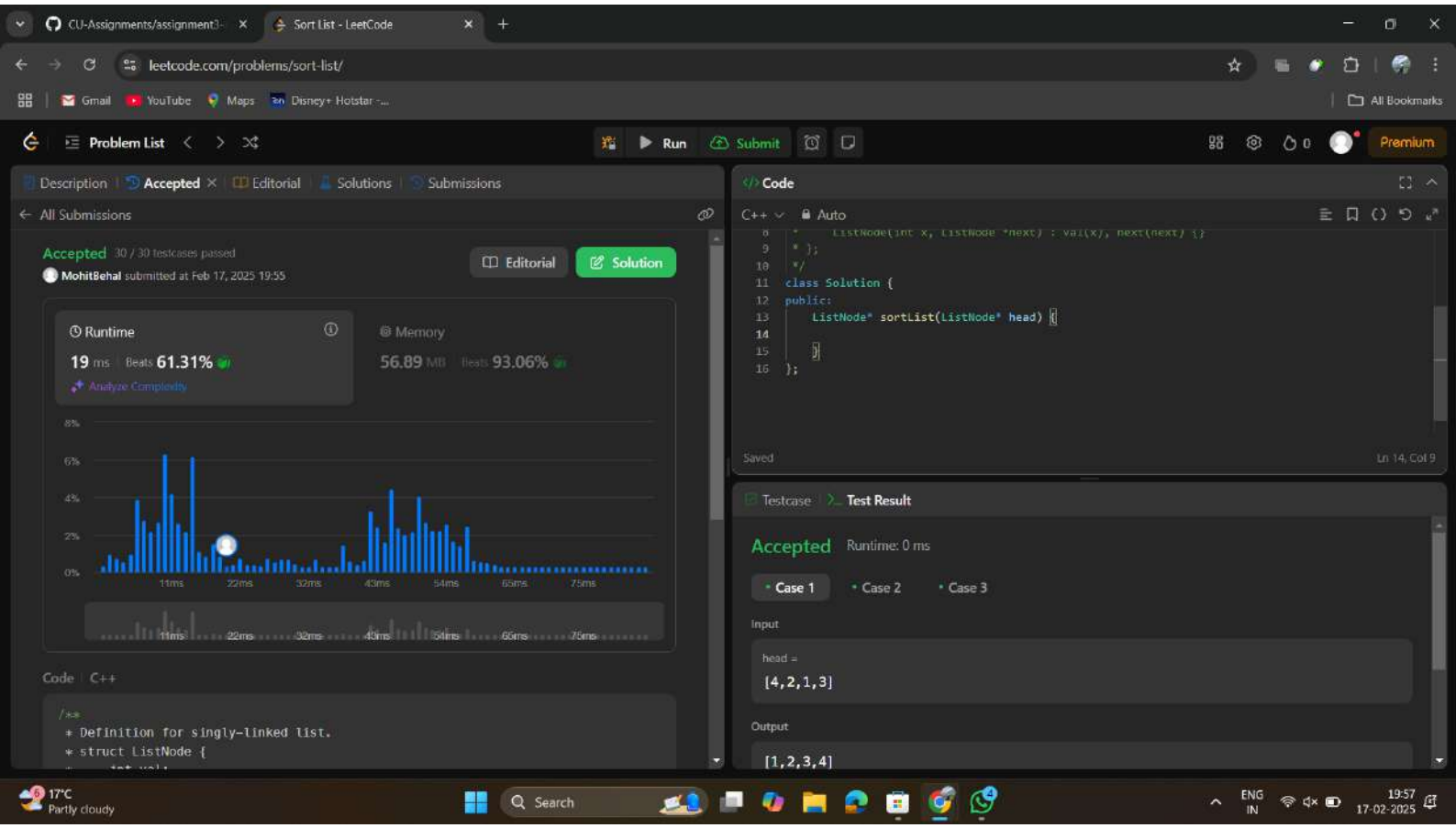

CU-Assignments/assignment3-
Merge Two Sorted Lists - LeetC
leetcode.com/problems/merge-two-sorted-lists/submissions/1546275769/
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 208 / 208 testcases passed
MohitBehal submitted at Feb 17, 2025 19:48
Editorial
Solution
Runtime
0 ms | Beats 100.00%
Analyze Complexity
Memory
19.33 MB | Beats 86.80%
100%
50%
0%
1ms
2ms
3ms
4ms
Code | C++
/**
* Definition for singly-linked list.
* struct ListNode {
Code
C++
Auto
ListNode* mergeTwoLists(ListNode* list1, ListNode* list2) {
if (!list1) return list2;
if (!list2) return list1;
ListNode* dummy = new ListNode(-1);
ListNode* current = dummy;
while (list1 && list2) {
if (list1->val < list2->val) {
current->next = list1;
list1 = list1->next;
Saved
Ln 1, Col 1
Testcase
Test Result
Case 1
Case 2
Case 3
list1 =
[1,2,4]
list2 =
[1,3,4]
Source
18°C
Partly cloudy
Search
ENG
IN
19:48
17-02-2025

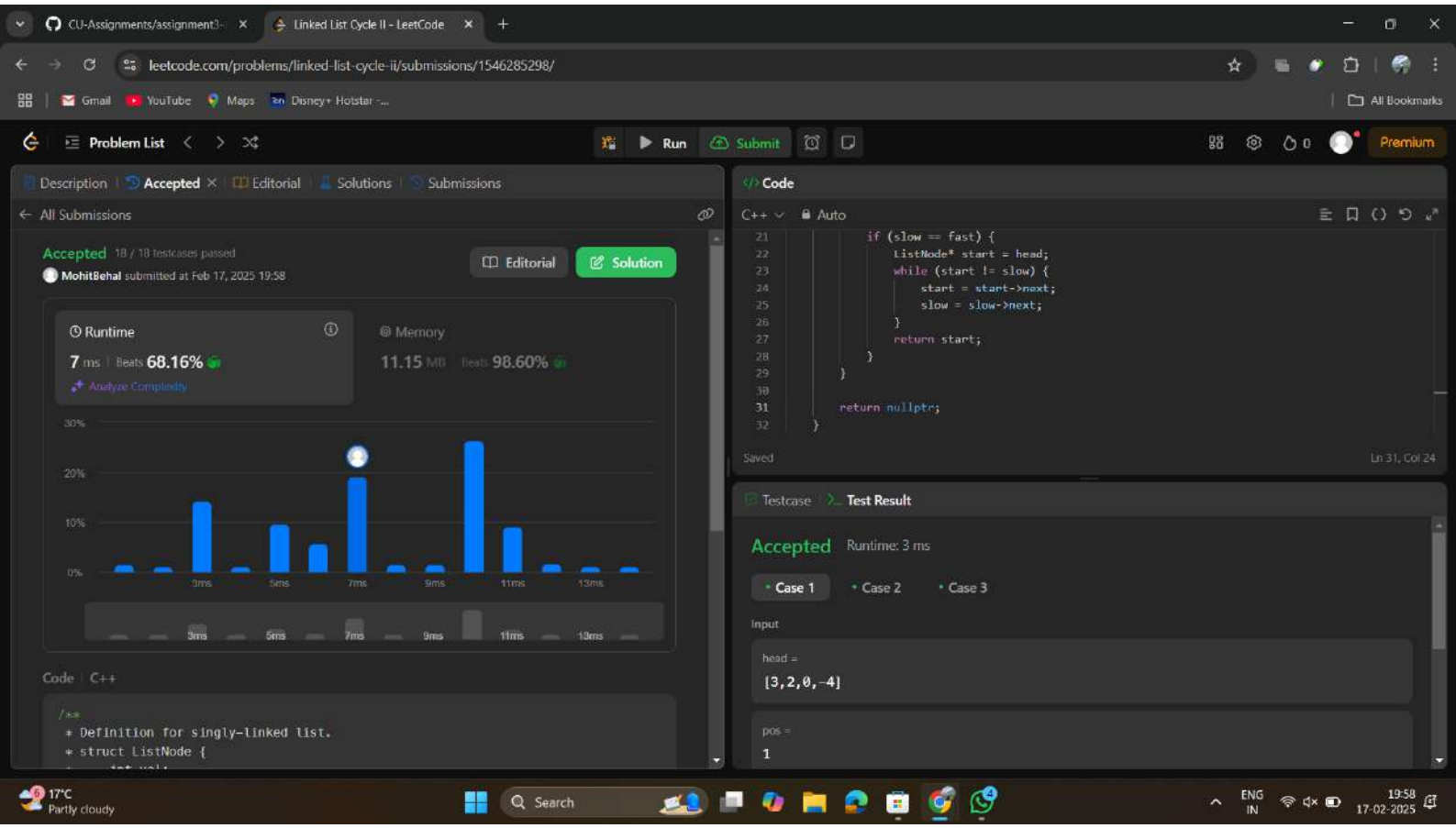

CU-Assignments/assignment3-
Remove Duplicates from Sorted
leetcode.com/problems/remove-duplicates-from-sorted-list-ii/submissions/1546276393/
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 166 / 166 testcases passed
MohitBehal submitted at Feb 17, 2025 19:49
Editorial
Solution
Runtime
0 ms | Beats 100.00%
Analyze Complexity
Memory
15.63 MB | Beats 72.65%
100%
50%
0%
1ms
2ms
3ms
4ms
Code | C++
/**
* Definition for singly-linked list.
* struct ListNode {
Code
C++
Auto
public:
ListNode* deleteDuplicates(ListNode* head) {
if (!head || !head->next) return head;
ListNode* dummy = new ListNode(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;
}
Saved
Ln 1, Col 1
Testcase
Test Result
Case 1
Case 2
head =
[1,2,3,3,4,4,5]
Source
18°C
Partly cloudy
Search
ENG
IN
19:49
17-02-2025

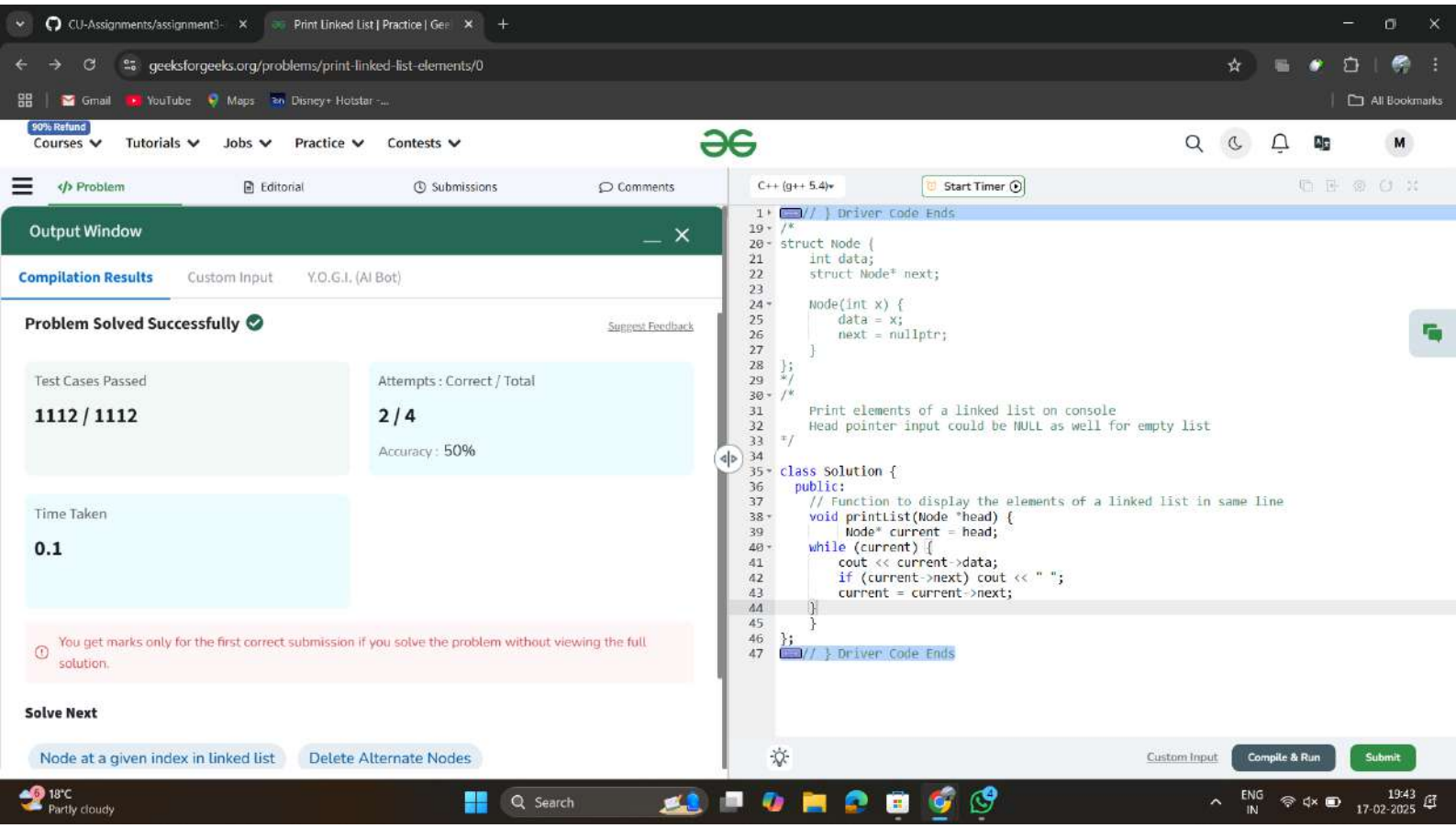

CU-Assignments/assignment3-
Linked List Cycle - LeetCode
leetcode.com/problems/linked-list-cycle/submissions/1546276851/
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 29 / 29 testcases passed
MohitBehal submitted at Feb 17, 2025 19:49
Editorial
Solution
Runtime
8 ms | Beats 81.20%
Analyze Complexity
Memory
11.96 MB | Beats 24.63%
40%
20%
0%
3ms
5ms
7ms
9ms
11ms
13ms
15ms
17ms
19ms
Code | C++
/**
* Definition for singly-linked list.
* struct ListNode {
Code
C++
Auto
bool hasCycle(ListNode *head) {
if (!head || !head->next) return false;
ListNode *slow = head, *fast = head;
while (fast && fast->next) {
slow = slow->next;
fast = fast->next->next;
if (slow == fast) {
return true;
}
Saved
Ln 1, Col 1
Testcase
Test Result
Case 1
Case 2
Case 3
head =
[3,2,0,-4]
pos =
1
Source
18°C
Partly cloudy
Search
ENG
IN
19:49
17-02-2025


CU-Assignments/assignment3-
Reverse Linked List II - LeetCod
leetcode.com/problems/reverse-linked-list-ii/submissions/1546278800/
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 44 / 44 testcases passed
MohitBehal submitted at Feb 17, 2025 19:51
Editorial
Solution
Runtime
0 ms | Beats 100.00%
Analyze Complexity
Memory
11.26 MB | Beats 38.59%
150%
100%
50%
0%
1ms
2ms
3ms
4ms
Code | C++
/**
* Definition for singly-linked list.
* struct ListNode {
Code
C++
Auto
if (left == right) return head;
ListNode* dummy = new ListNode(0);
dummy->next = head;
ListNode* prev = dummy;
for (int i = 1; i < left; ++i) {
prev = prev->next;
}
ListNode* curr = prev->next;
ListNode* next = nullptr;
Saved
Ln 33, Col 28
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Input
head =
[1,2,3,4,5]
left =
2
17°C
Partly cloudy
Search
ENG
IN
19:51
17-02-2025


CU-Assignments/assignment3-
Rotate List - LeetCode
leetcode.com/problems/rotate-list/submissions/1546279987/
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 232 / 232 testcases passed
MohitBehal submitted at Feb 17, 2025 19:53
Editorial
Solution
Runtime
0 ms | Beats 100.00%
Analyze Complexity
Memory
16.33 MB | Beats 65.06%
100%
50%
0%
1ms
2ms
3ms
4ms
Code | C++
/**
* Definition for singly-linked list.
* struct ListNode {
Code
C++
Auto
k = k % len;
int stepsToNewHead = len - k;
while (stepsToNewHead--) {
tail = tail->next;
}
head = tail->next;
tail->next = nullptr;
return head;
}
Saved
Ln 35, Col 21
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Input
head =
[1,2,3,4,5]
k =
2
USD/INR
+0.25%
Search
ENG
IN
19:53
17-02-2025


CU-Assignments/assignment3-
Sort List - LeetCode
leetcode.com/problems/sort-list/
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 30 / 30 testcases passed
MohitBehal submitted at Feb 17, 2025 19:55
Editorial
Solution
Runtime
19 ms | Beats 61.31%
Analyze Complexity
Memory
56.89 MB | Beats 93.06%
8%
6%
4%
2%
0%
11ms
22ms
32ms
43ms
54ms
65ms
75ms
Code | C++
/**
* Definition for singly-linked list.
* struct ListNode {
Code
C++
Auto
* ListNode(int x, ListNode *next) : val(x), next(next) {}
* };
*/
class Solution {
public:
ListNode* sortList(ListNode* head) {
}
};
Saved
Ln 14, Col 9
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
head =
[4,2,1,3]
Output
[1,2,3,4]
17°C
Partly cloudy
Search
ENG
IN
19:57
17-02-2025


CU-Assignments/assignment3-
Linked List Cycle II - LeetCode
leetcode.com/problems/linked-list-cycle-ii/submissions/1546285298/
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
Problem List
Run
Submit
Premium
Description
Accepted
Editorial
Solutions
Submissions
All Submissions
Accepted 18 / 18 testcases passed
MohitBehal submitted at Feb 17, 2025 19:58
Editorial
Solution
Runtime
7 ms | Beats 68.16%
Analyze Complexity
Memory
11.15 MB | Beats 98.60%
30%
20%
10%
0%
3ms
5ms
7ms
9ms
11ms
13ms
Code | C++
/**
* Definition for singly-linked list.
* struct ListNode {
Code
C++
Auto
if (slow == fast) {
ListNode* start = head;
while (start != slow) {
start = start->next;
slow = slow->next;
}
return start;
}
}
return nullptr;
}
Saved
Ln 31, Col 24
Testcase
Test Result
Accepted
Runtime: 3 ms
Case 1
Case 2
Case 3
Input
head =
[3,2,0,-4]
pos =
1
17°C
Partly cloudy
Search
ENG
IN
19:58
17-02-2025


CU-Assignments/assignment3-
Print Linked List | Practice | Ge
geeksforgeeks.org/problems/print-linked-list-elements/0
Gmail
YouTube
Maps
Disney+ Hotstar -...
All Bookmarks
90% Refund
Courses
Tutorials
Jobs
Practice
Contests
M
Problem
Editorial
Submissions
Comments
Output Window
Compilation Results
Custom Input
Y.O.G.I. (AI Bot)
Problem Solved Successfully
Suggest Feedback
Test Cases Passed
1112 / 1112
Attempts : Correct / Total
2 / 4
Accuracy : 50%
Time Taken
0.1
You get marks only for the first correct submission if you solve the problem without viewing the full solution.
Solve Next
Node at a given index in linked list
Delete Alternate Nodes
C++ (g++ 5.4)
Start Timer
// } Driver Code Ends
/*
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* current = head;
while (current) {
cout << current->data;
if (current->next) cout << " ";
current = current->next;
}
}
};
// } Driver Code Ends
Custom Input
Compile & Run
Submit
18°C
Partly cloudy
Search
ENG
IN
19:43
17-02-2025