### **ASSIGNMENT 3**

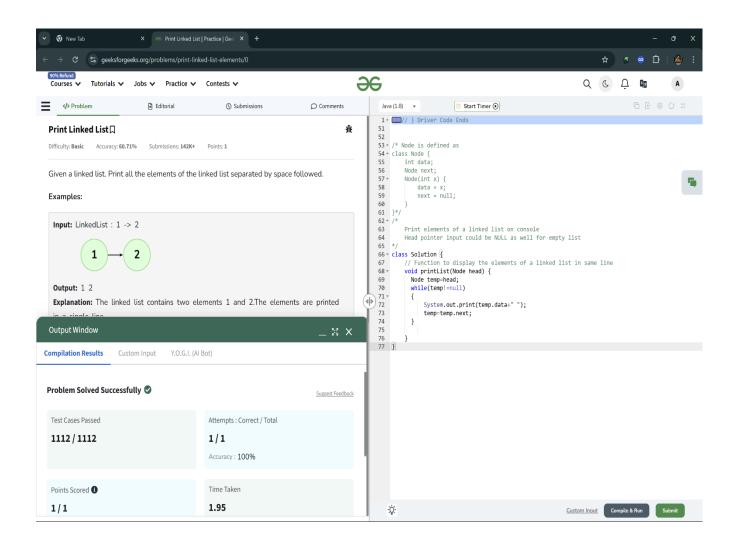
#### **UID-22BCS10433**

#### NAME-ARMAAN PREET SINGH

#### **SECTION-606-B**

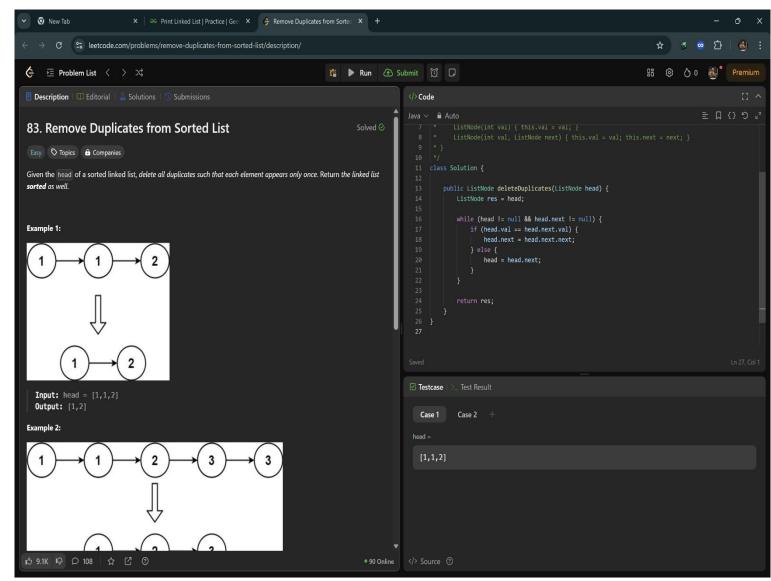
#### 1. Q1-Print Linked

List: <a href="https://www.geeksforgeeks.org/problems/print-linked-list-elements/0">https://www.geeksforgeeks.org/problems/print-linked-list-elements/0</a>

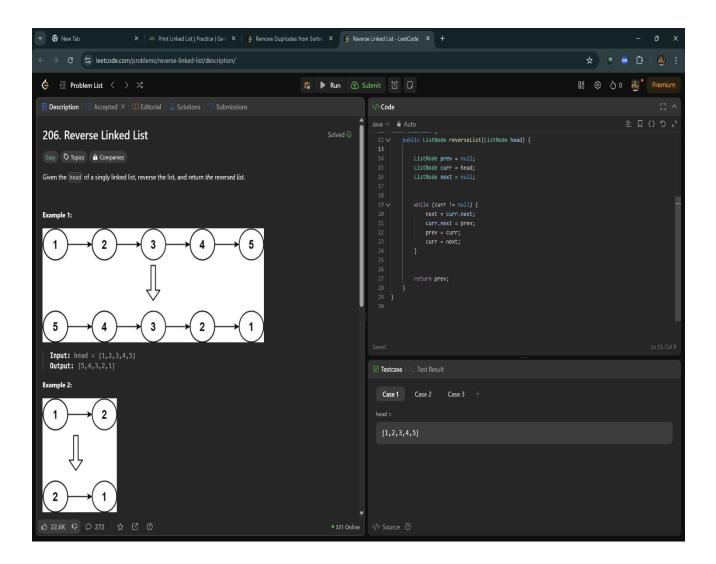


### Q2-Remove duplicates from a sorted

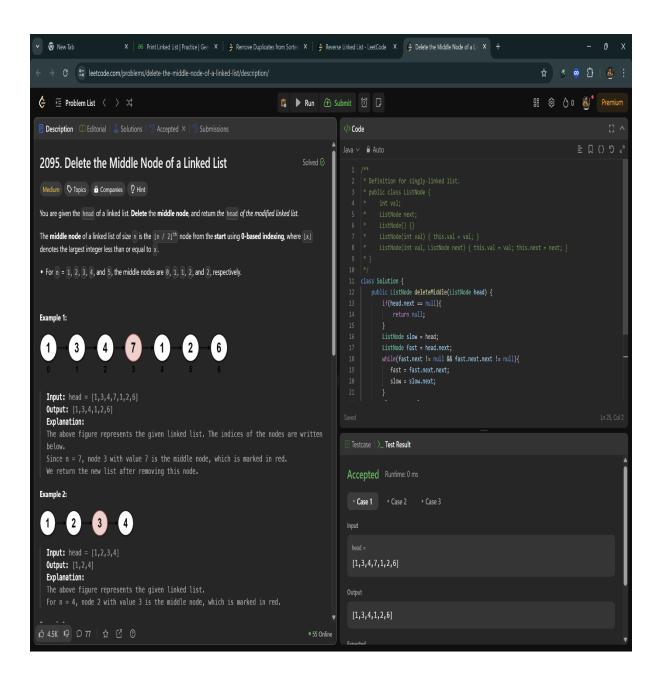
list: <a href="https://leetcode.com/problems/remove-duplicates-from-sorted-list/description/">https://leetcode.com/problems/remove-duplicates-from-sorted-list/description/</a>



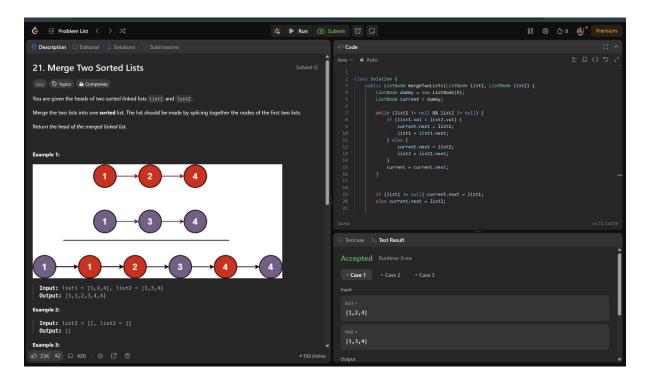
## Q3. Reverse a linked list: <a href="https://leetcode.com/problems/reverse-linked-list/description/">https://leetcode.com/problems/reverse-linked-list/description/</a>



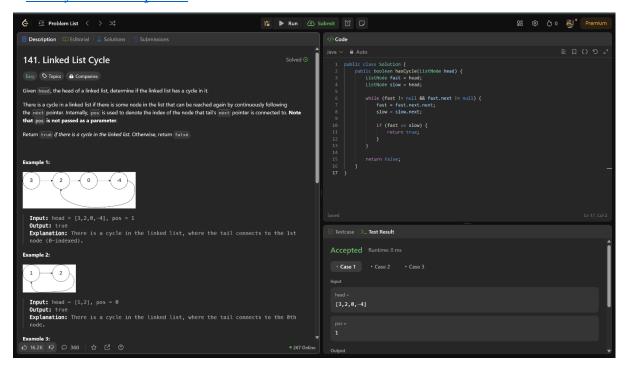
## Q4.Delete middle node of a list: <a href="https://leetcode.com/problems/delete-the-middle-node-of-a-linked-list/description/">https://leetcode.com/problems/delete-the-middle-node-of-a-linked-list/description/</a>



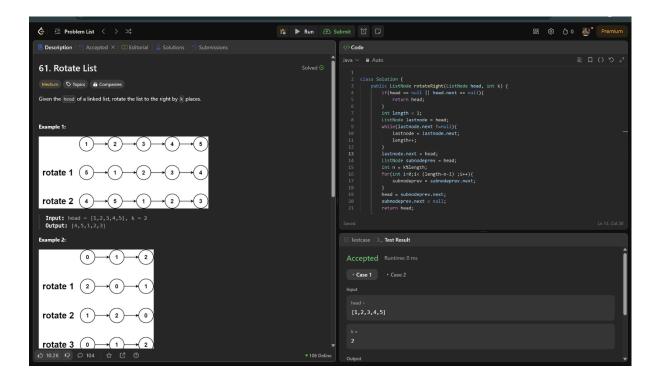
## Q5. Merge two sorted linked lists: <a href="https://leetcode.com/problems/merge-two-sorted-lists/description/">https://leetcode.com/problems/merge-two-sorted-lists/description/</a>



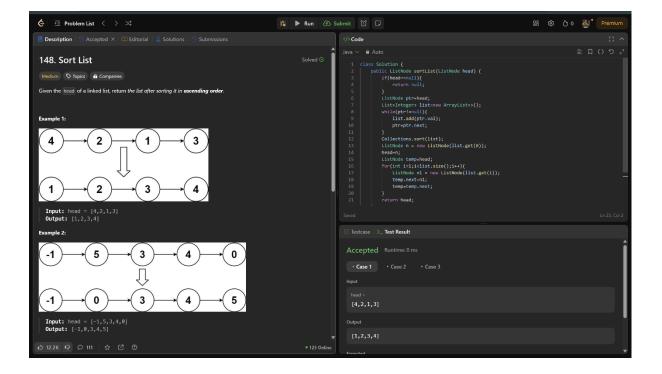
## Q6.Detect a cycle in a linked list: <a href="https://leetcode.com/problems/linked-list-cycle/description/">https://leetcode.com/problems/linked-list-cycle/description/</a>



### Q7. Rotate a list: https://leetcode.com/problems/rotate-list/description/



### Q8. Sort List: <a href="https://leetcode.com/problems/sort-list/description/">https://leetcode.com/problems/sort-list/description/</a>



# Q9. Merge k sorted lists: <a href="https://leetcode.com/problems/merge-k-sorted-lists/description/">https://leetcode.com/problems/merge-k-sorted-lists/description/</a>

