



DEPARTMENT OF

COMPUTER SCIENCE & ENGINEERING

EXPERIMENT -1

NAME- Jatin

BRANCH- BE- CSE

SEMESTER- 6th

SUBJECT- CC Lab- 2
351

UID- 20BCS5951

SECTION- DM 605 B

DATE- 23/02/2023

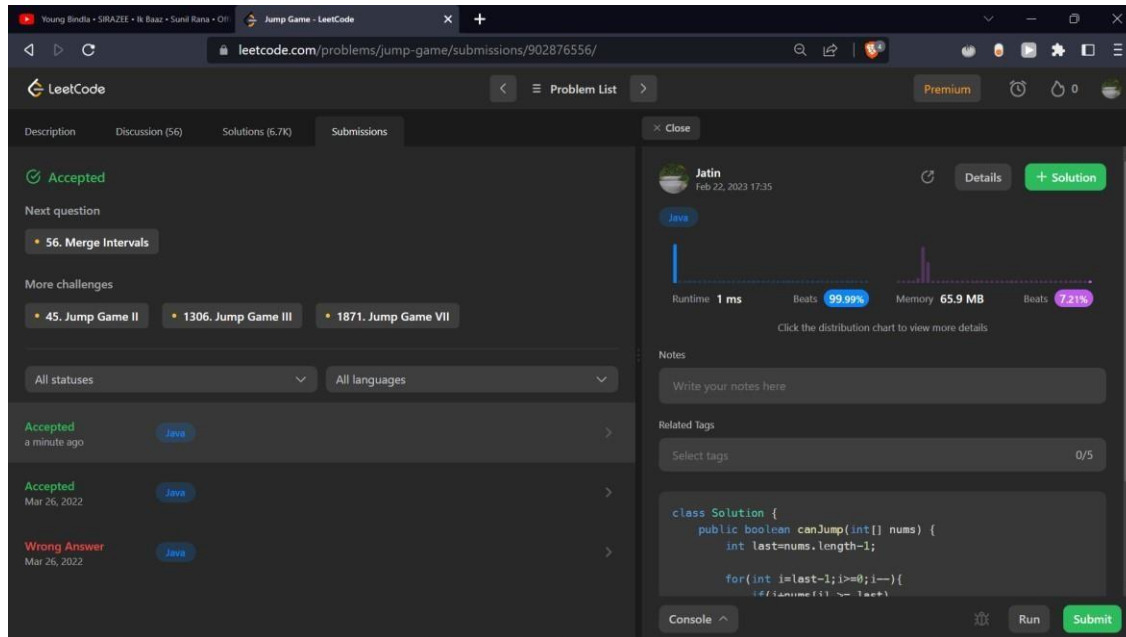
SUBJECT CODE- 20CSP-

Q1. Implement Jump Game CODE:

```
class Solution {    public boolean  
canJump(int[] nums)  
{    int last=nums.length-  
1;  
  
    for(int i=last1;i>=0;i--){  
if(i+nums[i] >=  
last)    last=i;  
}  
}
```

```
return last==0;
```

OUTPUT:



Q2. Remove The Duplicate Elements From List CODE:

```
/**
```

```
* Definition for singlylinked
* list.
* public class ListNode {
* int val;
* ListNode next;
* ListNode() {}
* ListNode(int val) { this.val
* = val; }
```



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```
*   ListNode(int val,
        ListNode next) { this.val
        = val; this.next = next; }
*   } */ class Solution {
        public ListNode
        deleteDuplicates(ListNode
        head)
    {   ListNode curr = head;
        if(head == null) return null;

        if(head.next == null) return
        head;   else{
            while(curr.next != null){

                if(curr.val ==
                curr.next.val)
                curr.next = curr.next.next;
                else

                    curr=curr.next;
            }
        }   return
        head;
    }
}   OUTPUT:
```



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leetcode.com/problems/remove-duplicates-from-sorted-list/submissions/902877719/

LeetCode

Problem List

Description Discussion (37) Solutions (6.3K) Submissions

Accepted

Next question

84. Largest Rectangle in Histogram

More challenges

82. Remove Duplicates from Sorted List II 1836. Remove Duplicates From an Unsorted Linked List

All statuses All languages

Accepted a few seconds ago Java

Write your notes here

Related tags

Select tags 0/5

```
/**
 * Definition for singly-linked list.
 * public class ListNode {
 *     int val;
 *     ListNode next;
 *     ListNode() {}
 *     ListNode(int val) { this.val = val; }
 *     ListNode(int val, ListNode next) { this.val = val; this.next = next; }
 * }
 */
class Solution {
    public ListNode deleteDuplicates(ListNode head) {
        ListNode curr = head;
        if(head == null) return null;

        if(head.next == null) return head;
        else{
            while(curr.next != null){
```

Console Run Submit