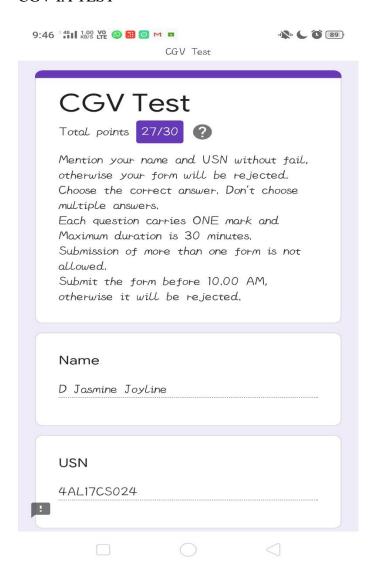
DAILY ONLINE ACTIVITIES SUMMARY

Date:	02-06-2020		Name:	D Jasmine Joyline	
Sem & Sec	VI Sem A		USN:	4AL17CS024	
Online Test Summary					
Subject	CGV				
Max. Marks	30		Score	27	
Certification Course Summary					
Course	Python Bootcamp 2020:Build 15 working applications and games				
Certificate Provider		Udemy	Duration	32hr	
Coding Challenges					
Problem Statement:					
1.Write a Java program to detect loop in a linked list 2.Write a Java Program to find inversion count of array.					
2. Which a sava I logiani to find inversion count of array.					
Status:Completed					
Uploaded the report in Github			Yes		
If yes Repository name			https://github.com/alvas-education-		
			foundation/D_Jasmine_Joyline/tree/master/daily_progress		
Uploaded the report in slack			Yes		

Online Test Details:

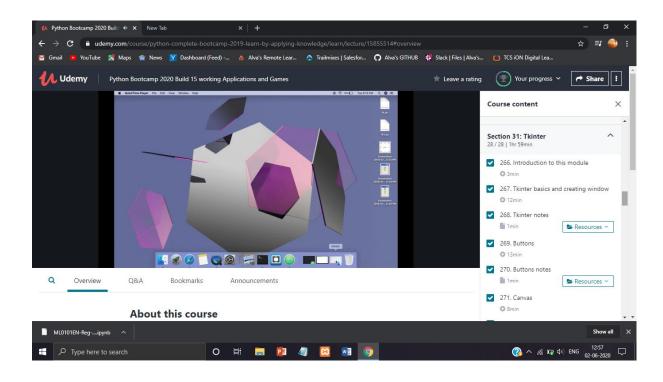
CGV IA TEST



Certification Course Details:

Module that I have completed today:

• Tkinter



Coding Challenges Details:

1.Java program to detect loop in a linked list

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                              € github.com/alvas-education-foundation/D_Jasmine_Joyline/blob/master/coding_solutions/LinkedListLoop.java
                                             YouTube 🐒 Maps 🧌 News 🦞 Dashboard (Feed) -... 💧 Alva's Remote Lear... 💠 Trailmixes | Salesfor... 🜎 Alva's GTHUB 🊏 Slack | Files | Alva's... 🍅 TCS iON Digital Lea..
                                                                                                           Branch: master → D_Jasmine_Joyline / coding_solutions / LinkedListLoop.java / 〈〉 Jump to ▼
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                                                                                                                  DJasmineJoyline Add files via upload
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                                                                                                                  74 lines (60 sloc) | 1.9 KB
                                                                                                                                                                                                                                                                                                                                                                                                                             Raw Blame History 🖵 🛭 🗓
                                                                                                                                    import java.util.*:
                                                                                                                                              static Node head; // head of list
                                                                                                                                                 /* Linked list Node*/
                                                                                                                                                            Node next:
                                                                                                                                                 static public void push(int new_data)
                                                                                                                                                          /* 1 & 2: Allocate the Node &
    Screenshot_2020-....png ^
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2. Write a Java Program to find inversion count of array.

Inversion Count: For an array, inversion count indicates how far (or close) the array is from being sorted. If array is already sorted then inversion count is 0. If array is sorted in reverse order that inversion count is the maximum.

Formally, two elements a[i] and a[j] form an inversion if a[i] > a[j] and i < j.

Input:

The first line of input contains an integer T denoting the number of test cases. The first line of each test case is N, the size of array. The second line of each test case contains N elements.

Output:

Print the inversion count of array.

Constraints:

 $1 \le T \le 100$

 $1 \le N \le 107$

 $1 \le C \le 1018$

Example:

Input:

1

5

24135

Output:

3

Explanation:

Testcase 1: The sequence 2, 4, 1, 3, 5 has three inversions (2, 1), (4, 1), (4, 3).

