

DAILY ONLINE ACTIVITIES SUMMARY

Date:	02 June 2020	Name:	Asha Rudrappa Totagi
Sem& Sec	6 th sem& A sec	USN:	4AL17CS015
Online Test Summary			
Subject	Computer Graphics And Visualization		
Max. Marks	30	Score	30
Certification Course Summary			
Course	Career Edge – Knockdown the Lockdown		
Certificate Provider	TCSiON	Duration	15 days
Coding Challenges			
Problem Statement Program 1: Java program to check a loop in a linkedlist Program 2: Program for Inversion count of array			
Status: DONE			
Uploaded the report in Github		YES	
If yes Repository name		Daily Status	
Uploaded the report in slack		YES	

Online Test Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows a web browser window with multiple tabs. The active tab is titled 'CGV Test' and displays a Google Form. The form's title is 'CGV Test' and it shows a 'Total points' of '30/30'. The instructions on the form are: 'Mention your name and USN without fail, otherwise your form will be rejected. Choose the correct answer. Don't choose multiple answers. Each question carries ONE mark and Maximum duration is 30 minutes. Submission of more than one form is not allowed. Submit the form before 10.00 AM, otherwise it will be rejected.' Below the instructions, there are two input fields. The first field is labeled 'Name' and contains the text 'Asha Rudrappa Totagi'. The second field is labeled 'USN' and contains the text '4AL17CS015'. The browser's address bar shows the URL 'docs.google.com/forms/d/e/1FAIpQLSfQpBkMSI8dt5EYX8RQu3xgUoJArozAUrrbvlxx0EX4Vf7ig/viewscore?viewscore=AE0zAgAs8SsV5...'. The Windows taskbar at the bottom shows the time as 9:49 AM on 02/06/2020.

CGV Test

Total points 30/30 ?

Mention your name and USN without fail, otherwise your form will be rejected.
Choose the correct answer. Don't choose multiple answers.
Each question carries ONE mark and Maximum duration is 30 minutes.
Submission of more than one form is not allowed.
Submit the form before 10.00 AM, otherwise it will be rejected.

Name

Asha Rudrappa Totagi

USN

4AL17CS015

CGV IA2 test was held today i.e, 02 June 2020. Out of 30 marks I scored 30.

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

The screenshot displays the TCS iON Digital Learning platform. The left sidebar shows a 'TABLE OF CONTENTS' with a tree view of the course structure. The main content area is titled 'Learn Corporate Etiquette' and displays the following assessment details:

Total Marks	Pass Marks	Attempts Taken	Duration	Start Time	View Assessment Analysis	Already cleared assessment.
10.0	4.0	01	10 Mins	23 May 2020 12:00 AM TO 22 Jul 2020 12:00 AM	At the End of Assessment	

Below this, the 'My Attempts' section shows a table of assessment attempts:

Attempted On	Attempted Duration (Submission Time)	Marks Obtained	Status	Action
31 May 2020 07:09 PM	0:5:54 Hrs(07:15 PM)	9.0/10.0	Pass	View Result

The bottom of the screenshot shows the Windows taskbar with the search bar and system clock indicating 9:56 AM on 01/06/2020.

DAY8 (02-06-2020) – Introduction to Learn Corporate Etiquette.

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Program 1:

```
import java.util.*;

public class LinkedList {

    static Node head; // head of list

    /* Linked list Node*/
    static class Node {
        int data;
        Node next;
        Node(int d)
        {
            data = d;
            next = null;
        }
    }

    /* Inserts a new Node at front of the list. */
    static public void push(int new_data)
    {
        /* 1 & 2: Allocate the Node &
           Put in the data*/
        Node new_node = new Node(new_data);

        /* 3. Make next of new Node as head */
        new_node.next = head;

        /* 4. Move the head to point to new Node */
        head = new_node;
    }

    // Returns true if there is a loop in linked
    // list else returns false.
    static boolean detectLoop(Node h)
    {
        HashSet<Node> s = new HashSet<Node>();
        while (h != null) {
            // If we have already has this node
            // in hashmap it means their is a cycle

```

```

        // (Because you we encountering the
        // node second time).
        if (s.contains(h))
            return true;

        // If we are seeing the node for
        // the first time, insert it in hash
        s.add(h);

        h = h.next;
    }

    return false;
}

/* Driver program to test above function */
public static void main(String[] args)
{
    LinkedList llist = new LinkedList();

    llist.push(20);
    llist.push(4);
    llist.push(15);
    llist.push(10);

    /*Create loop for testing */
    llist.head.next.next.next.next = llist.head;

    if (detectLoop(head))
        System.out.println("Loop found");
    else
        System.out.println("No Loop");
    }
}

```

Program 2:

```

import java.util.*;
public class Main
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int t=sc.nextInt();
    }
}

```

```
while(t>0)
{
int n=sc.nextInt();
int count=0;
int a[]=new int[n];
for (int i=0;i<n;i++)
    a[i]=sc.nextInt();
for(int i=0;i<n;i++)
for(int j=i+1;j<n-1;j++)
{
    if(a[i]>a[j])
    {
        int temp=a[i];
        a[i]=a[j];
        a[j]=temp;
        count++;
    }
}

System.out.println(count);
t--;
}
}
```