DAILY ONLINE ACTIVITIES SUMMARY

Date:	**02-06-2020**	**Name:**	**M.C Suchithra Heggade**
Sem & Sec	**6th Sem 'A' Sec**	**USN:**	**4AL17CS047**

Online Test Summary

Subject	**CGV**		
Max. Marks	**30**	**Score**	**30**

Certification Course Summary

Course	**Ethical Hacking**		
Certificate Provider	**Great Learning**	**Duration**	**5 hr**

Coding Challenges

List slicing
Python program to return a list containing first and last element using list slicing method

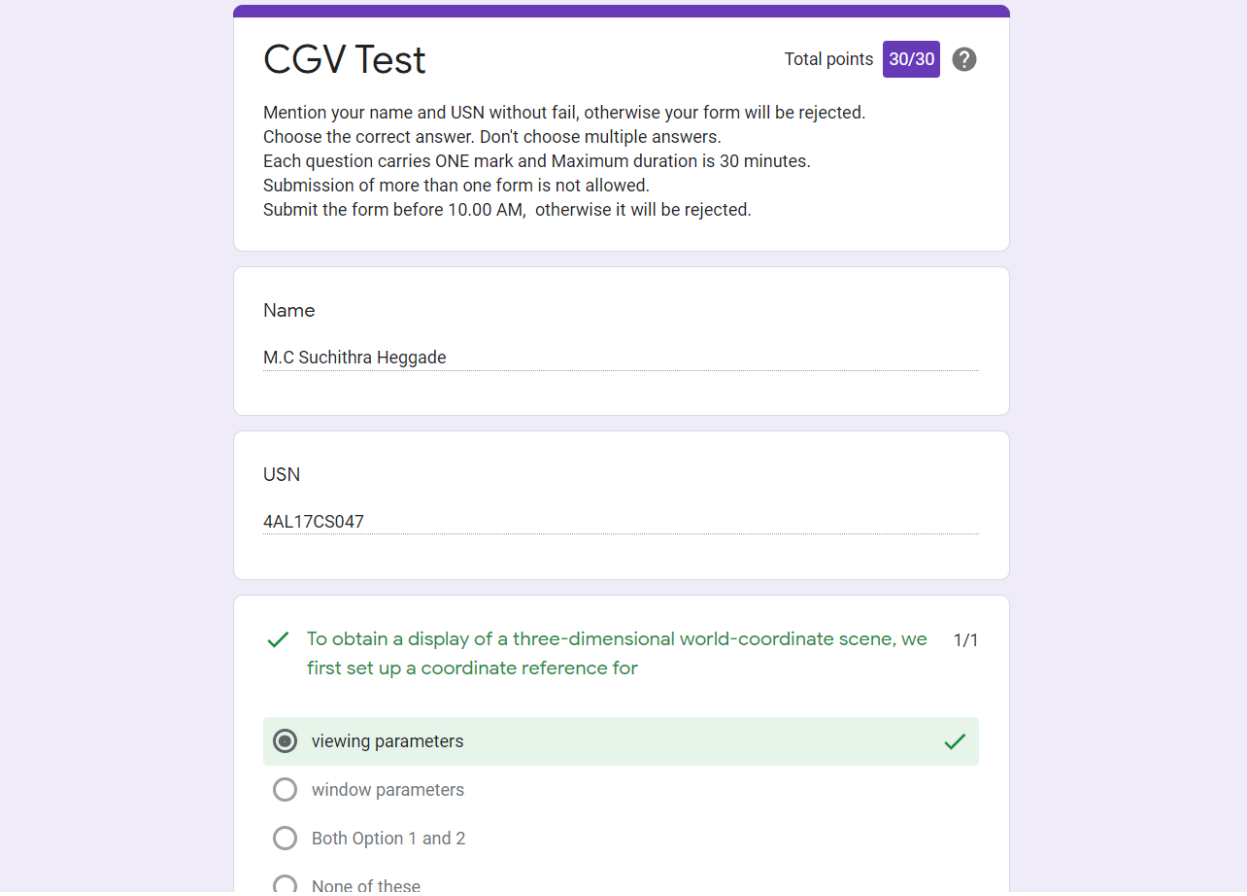
Loop in list
Write a program to check if given linked list has a loop or not.

Inversion count
Write a C Program to find inversion count of array.

Status: Completed	
Uploaded the report in Github	**yes**

If yes Repository name	https://github.com/Suchitraheggade/certification-and-Online-coding
Uploaded the report in slack	**yes**

Online Test Details:



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

M.C Suchithra Heggade

USN

4AL17CS047

✓ To obtain a display of a three-dimensional world-coordinate scene, we first set up a coordinate reference for 1/1

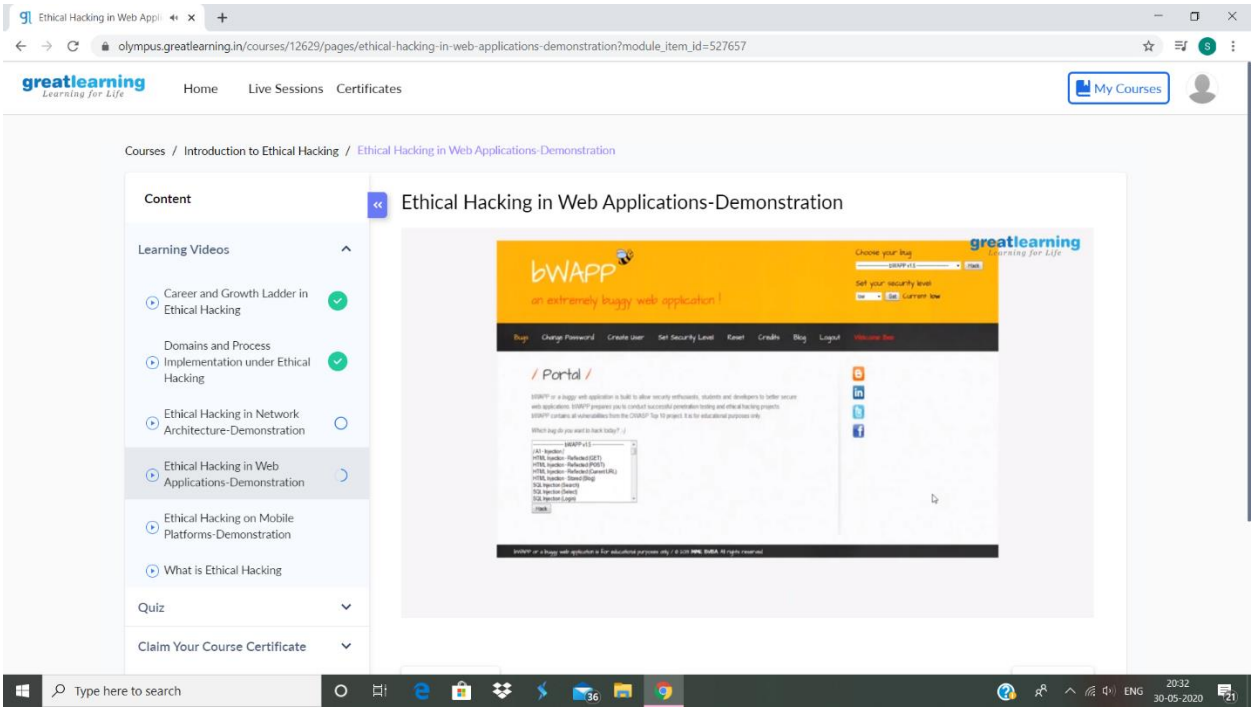
- (●) viewing parameters ✓
- ( ) window parameters
- ( ) Both Option 1 and 2
- ( ) None of these

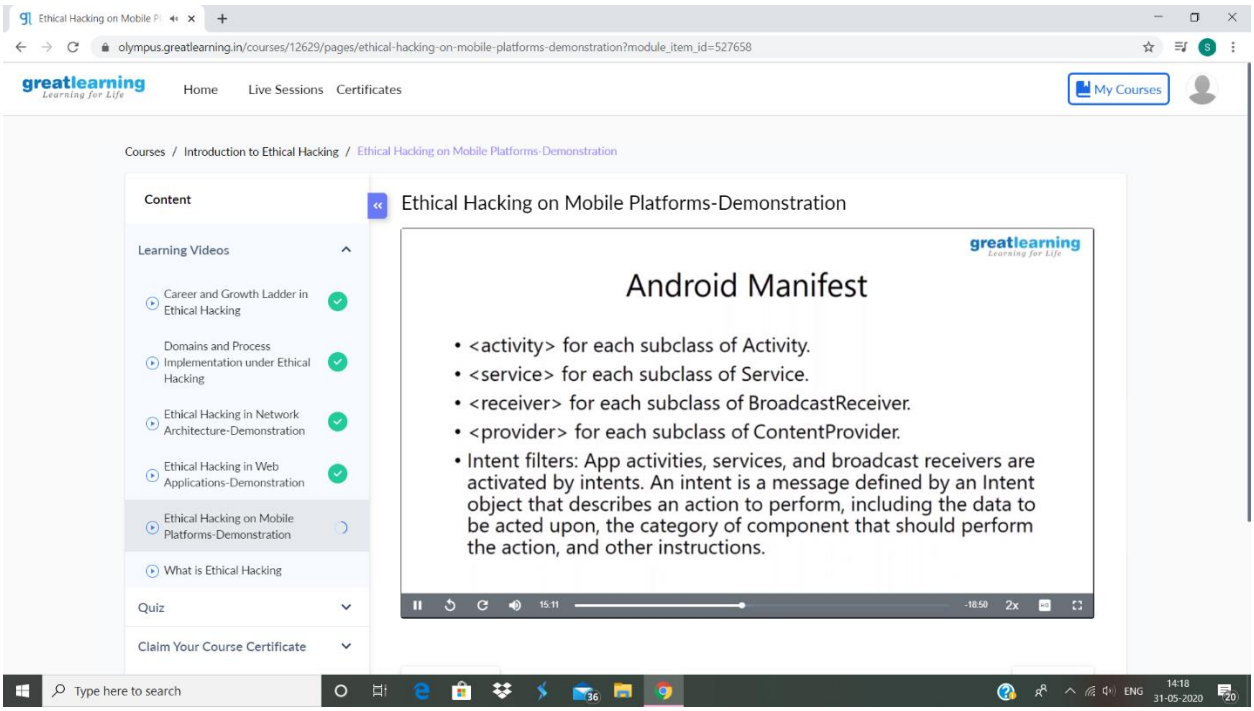
Certification Course Details:

Topics completed:

Ethical Hacking in Web Applications-Demonstration.

Ethical Hacking on Mobile Platforms-Demonstration.

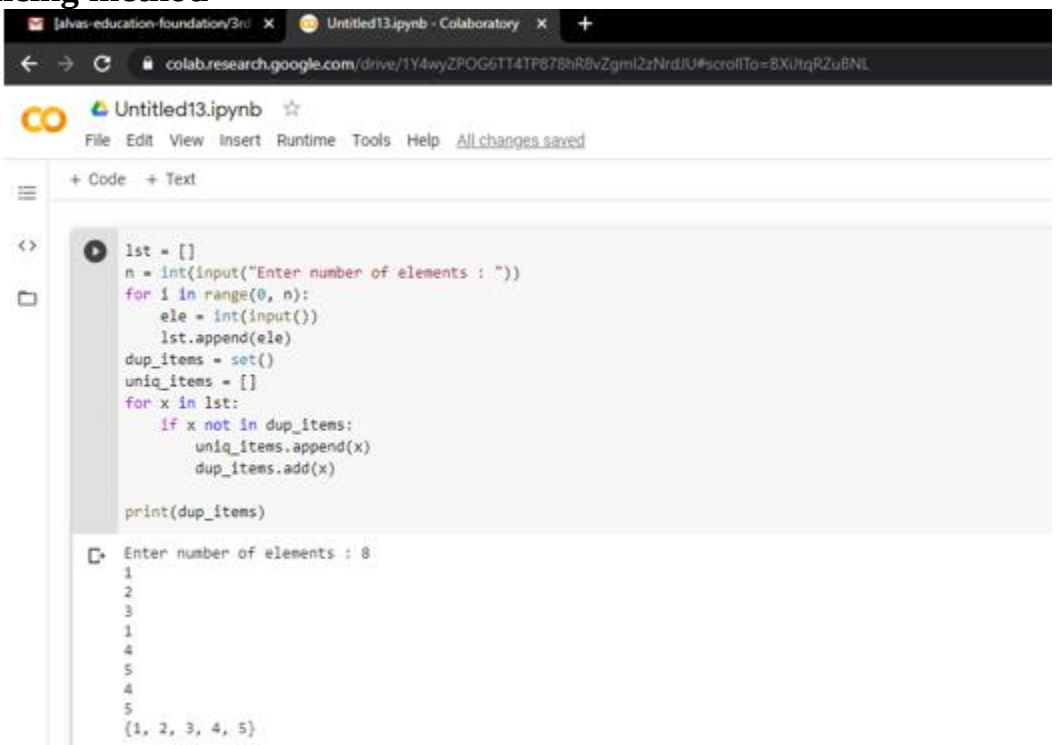




Coding Challenges Details:

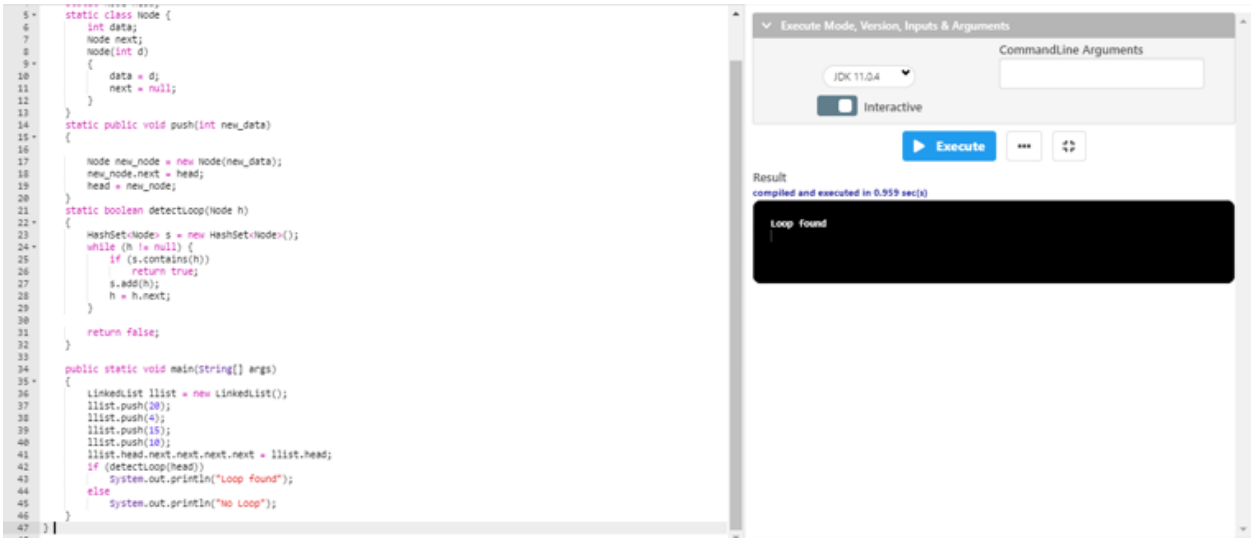
1.List slicing

Python program to return a list containing first and last element using list slicing method



2.Loop in list

write a program to check if given linked list has a loop or not.



```
static class Node {
    int data;
    Node next;
    Node(int d)
    {
        data = d;
        next = null;
    }
}
static public void push(int new_data)
{

    Node new_node = new Node(new_data);
    new_node.next = head;
    head = new_node;
}
static boolean detectLoop(Node h)
{
    HashSet<Node> s = new HashSet<Node>();
    while (h != null) {
        if (s.contains(h))
            return true;
        s.add(h);
        h = h.next;
    }

    return false;
}

public static void main(String[] args)
{
    LinkedList llist = new LinkedList();
    llist.push(20);
    llist.push(4);
    llist.push(15);
    llist.push(10);
    llist.head.next.next.next.next = llist.head;
    if (detectLoop(head))
        System.out.println("Loop found");
    else
        System.out.println("No Loop");
}
}
```

Execute Mode, Version, Inputs & Arguments

CommandLine Arguments

JDK 11.0.4

Interactive

Execute

Result

compiled and executed in 0.959 sec(s)

```
Loop found
```

3.Inversion count

Write a C Program to find inversion count of array.


onlinegdb.com/online_c_compiler
input
enter n value
5
enter array elements
2
4
1
3
5
Number of inversions are 3
...Program finished with exit code 0
Press ENTER to exit console