

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.

The screenshot displays a web browser window with the URL `olympus.greatlearning.in/courses/12629/pages/ethical-hacking-in-web-applications-demonstration?module_item_id=527657`. The page is part of the Great Learning platform, featuring a navigation bar with 'Home', 'Live Sessions', and 'Certificates'. A sidebar on the left lists various courses, with 'Ethical Hacking in Web Applications-Demonstration' selected. The main content area shows a video player for the course, which displays a login page for 'bwAPP' (an extremely buggy web application). The login page includes fields for 'Choose your bug' and 'Set your security level', along with a 'Login' button. Below the login fields, there is a 'Portal' section with a list of bugs and a 'Which bug do you want to hack today?' dropdown menu. The video player also shows a 'My Courses' button and a user profile icon in the top right corner. The Windows taskbar at the bottom indicates the system time as 20:32 on 30-05-2020.

The screenshot shows a web browser window with the URL `olympus.greatlearning.in/courses/12629/pages/ethical-hacking-on-mobile-platforms-demonstration?module_item_id=527658`. The page is titled "Ethical Hacking on Mobile Platforms-Demonstration". The sidebar on the left lists "Learning Videos" with the following items: "Career and Growth Ladder in Ethical Hacking", "Domains and Process Implementation under Ethical Hacking", "Ethical Hacking in Network Architecture-Demonstration", "Ethical Hacking in Web Applications-Demonstration", "Ethical Hacking on Mobile Platforms-Demonstration" (selected), and "What is Ethical Hacking". Below the videos are sections for "Quiz" and "Claim Your Course Certificate". The main content area displays a video player for "Android Manifest". The video content lists the following components and their intent filters:

- <activity> for each subclass of Activity.
- <service> for each subclass of Service.
- <receiver> for each subclass of BroadcastReceiver.
- <provider> for each subclass of ContentProvider.
- Intent filters: App activities, services, and broadcast receivers are activated by intents. An intent is a message defined by an Intent object that describes an action to perform, including the data to be acted upon, the category of component that should perform the action, and other instructions.

Coding Challenges Details:

1.List slicing

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

```
lst = []
n = int(input("Enter number of elements : "))
for i in range(0, n):
    ele = int(input())
    lst.append(ele)
dup_items = set()
uniq_items = []
for x in lst:
    if x not in dup_items:
        uniq_items.append(x)
        dup_items.add(x)
print(dup_items)
```

Enter number of elements : 8

1

2

3

1

4

5

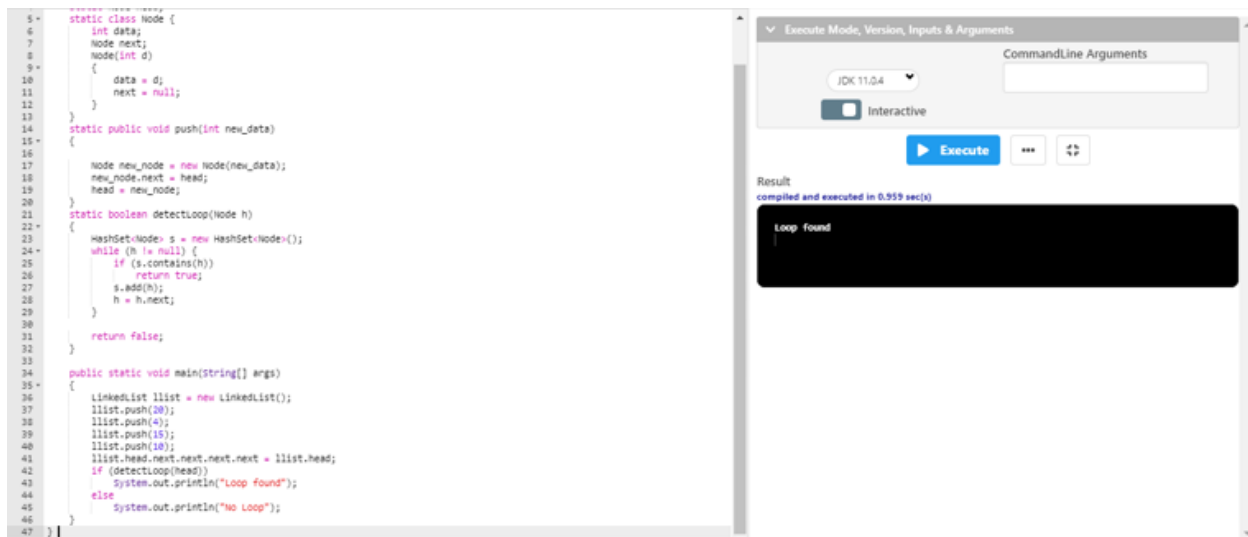
4

5

{1, 2, 3, 4, 5}

2. Loop in list

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



```
5 * static class Node {
6 *     int data;
7 *     Node next;
8 *     Node(int d)
9 *     {
10 *         data = d;
11 *         next = null;
12 *     }
13 * }
14 * static public void push(int new_data)
15 * {
16 *     Node new_node = new Node(new_data);
17 *     new_node.next = head;
18 *     head = new_node;
19 * }
20 *
21 * static boolean detectLoop(Node h)
22 * {
23 *     HashSet<Node> s = new HashSet<Node>();
24 *     while (h != null) {
25 *         if (s.contains(h))
26 *             return true;
27 *         s.add(h);
28 *         h = h.next;
29 *     }
30 *     return false;
31 * }
32 *
33 * public static void main(String[] args)
34 * {
35 *     LinkedList llist = new LinkedList();
36 *     llist.push(20);
37 *     llist.push(4);
38 *     llist.push(15);
39 *     llist.push(10);
40 *     llist.head.next.next.next.next = llist.head;
41 *     if (detectLoop(head))
42 *         System.out.println("Loop found");
43 *     else
44 *         System.out.println("No Loop");
45 * }
46 *
47 * }
```

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
```