

DAILY ONLINE ACTIVITIES SUMMARY

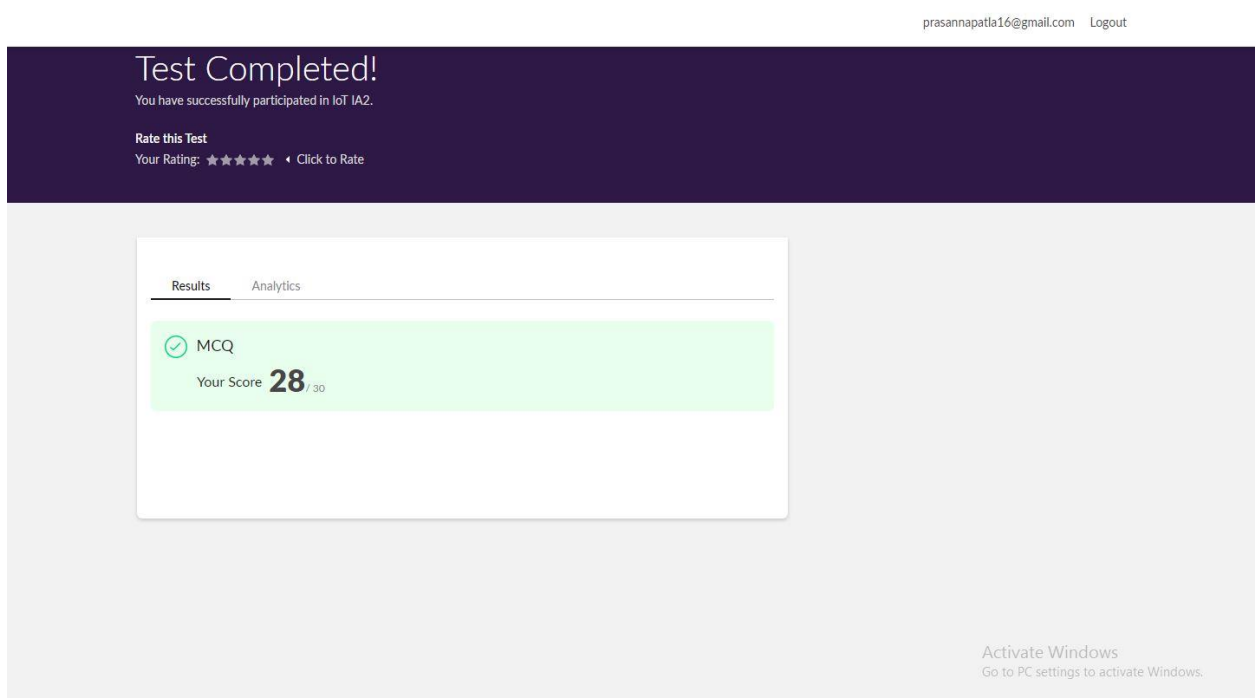
Date:	27-05-2020	Name:	PRASANNA
Sem & Sec	8 th ,B	USN:	4AL16CS068
Online Test Summary			
Subject	IOT		
Max. Marks	30	Score	28
Certification Course Summary			
Course	Introduction to ethical hacking		
Certificate Provider	Great learner academy	Duration	6 Hrs
Coding Challenges			
Problem Statement: prob1- <i>To Check whether the given String is Anagram</i>			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		prasanna_p	
Uploaded the report in slack		Yes	

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

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

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

1) Online Test Details:



2) Certification Course Details:

Domains Under Ethical hacking

- Web application Domain

- Mobile
- Network Architecture Domain

Direct communication cannot be achieved across application domains. However, application domains can still talk to each other by passing objects via marshalling by value (unbound objects), marshalling by reference through a proxy (application-domain-bound objects). There is a third type of object called a context-bound object which can be marshalled by reference across domains and also within the context of its own application domain. Because of the verifiable type-safety of managed code, a CLI can provide fault isolation between domains at a much lower cost than an operating system process can. The static type verification used for isolation does not require the same process switches or hardware ring transitions that an operating system process requires.

greatlearning
Learning for Life

Home Live Sessions

My Courses

Introduction to Ethical Hacking

Course In Progress

CONTENT ASSESSMENTS

Learning Videos

Video Title	Duration	Status
Career and Growth Ladder in Ethical Hacking	18m	Completed
Domains and Process Implementation under Ethical Hacking	54m	Completed
Ethical Hacking in Network Architecture-Demonstration	48m	Completed
Ethical Hacking in Web Applications-Demonstration	50m	Completed
Ethical Hacking on Mobile Platforms-Demonstration	34m	In Progress
What is Ethical Hacking	50m	Not Started

Activate Windows

Web application domain:

Two major categories:

- Client Side vulnerabilities
- Server side vulnerabilities

All the attacks can be categorized into 3 major attacks:

- Parameter tampering
- Unvalidated inputs
- Directory Traversal attacks

Common web application attacks:

- Injection Flaws eg. SQL injection ,HTML injection etc.
- Cross site , scripting
- Web services attacks eg. DNS cache poisoning, file uploads etc

Hacking methodology:

- Web Footprinting –gathering information
- Vulnerability Scanners –w3af,acunetix
- Identity Entry and attack surface

The screenshot shows the Great Learning website interface. At the top, there is a navigation bar with the Great Learning logo, 'Home', 'Live Sessions', a 'My Courses' button, and a user profile icon. Below the navigation bar, a breadcrumb trail reads 'Courses / Introduction to Ethical Hacking / Domains and Process Implementation under Ethical Hacking'. The main content area is divided into a left sidebar and a main panel. The sidebar, titled 'Content', lists several items: 'Learning Videos' (with a sub-item 'Career and Growth Ladder in Ethical Hacking' marked with a green check), 'Domains and Process Implementation under Ethical Hacking' (the current page, marked with a blue circle), 'Ethical Hacking in Network Architecture-Demonstration', 'Ethical Hacking in Web Applications-Demonstration', 'Ethical Hacking on Mobile Platforms-Demonstration', 'What is Ethical Hacking', 'Quiz', and 'Claim Your Course Certificate'. The main panel displays the title 'Domains under Ethical Hacking' and a bulleted list: 'Web Application Domain', 'Mobile', 'Network Architecture Domain', and 'And many more..'. At the bottom of the main panel, there are 'Previous' and 'Next' navigation buttons. A Windows watermark is visible in the bottom right corner.

3) Coding Challenges:

1. To check Whether the given String is anagram

Pgrm1:

```
def is_anagram(str1, str2):
```

```
    list_str1 = list(str1)
```

```
    list_str1.sort()
```

```
    list_str2 = list(str2)
```

```
    list_str2.sort()
```

```
return (list_str1 == list_str2)
```

```
print(is_anagram('anagram','nagaram'))
```

```
print(is_anagram('cat','rat'))
```