DAILY ONLINE ACTIVITIES SUMMARY

Date:	**28-05-2020**	**Name:**	**PRASANNA**
Sem & Sec	**8th,B**	**USN:**	**4AL16CS068**

Online Test Summary

Subject	**SMS**		
Max. Marks	**60**	**Score**	**60**

Certification Course Summary

Course	**Introduction to ethical hacking**		
Certificate Provider	**Great learner academy**	**Duration**	**6 Hrs**

Coding Challenges

Problem Statement: prob1- ***To print pink will be sad or happy after the delivery of the records***

Status: Solved

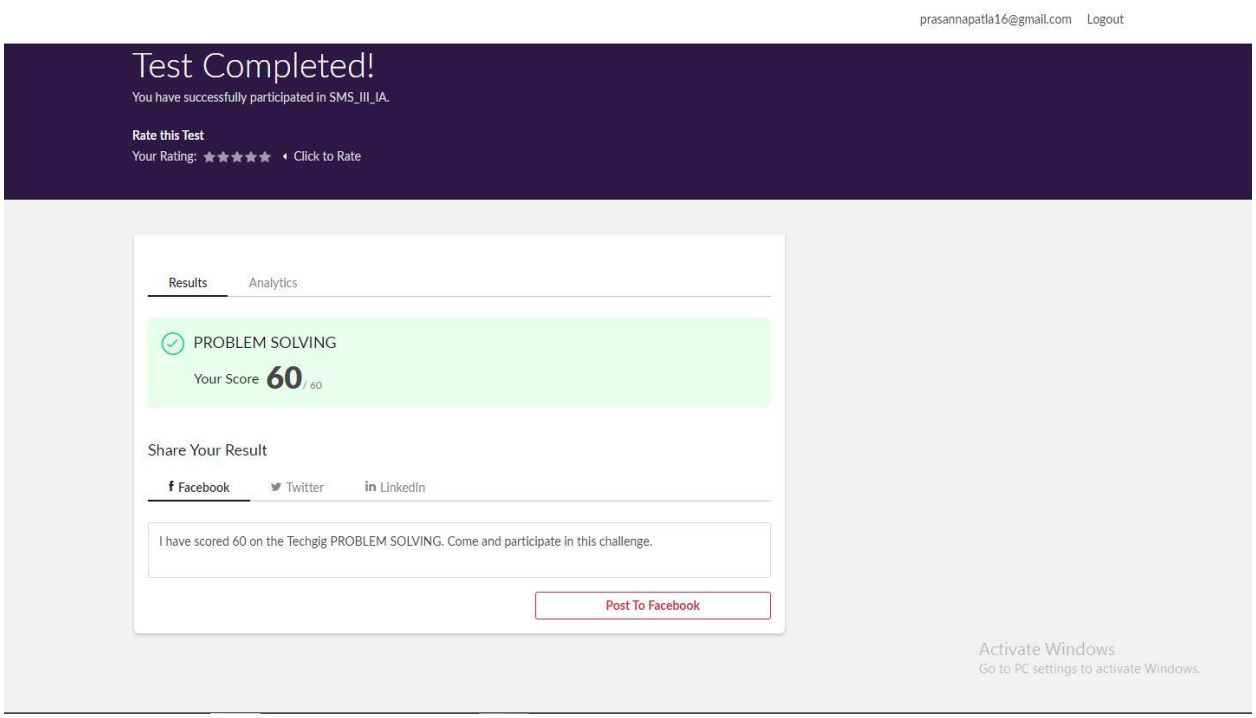
Uploaded the report in Github	**Yes**
If yes Repository name	**prasanna_p**
Uploaded the report in slack	**Yes**

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:



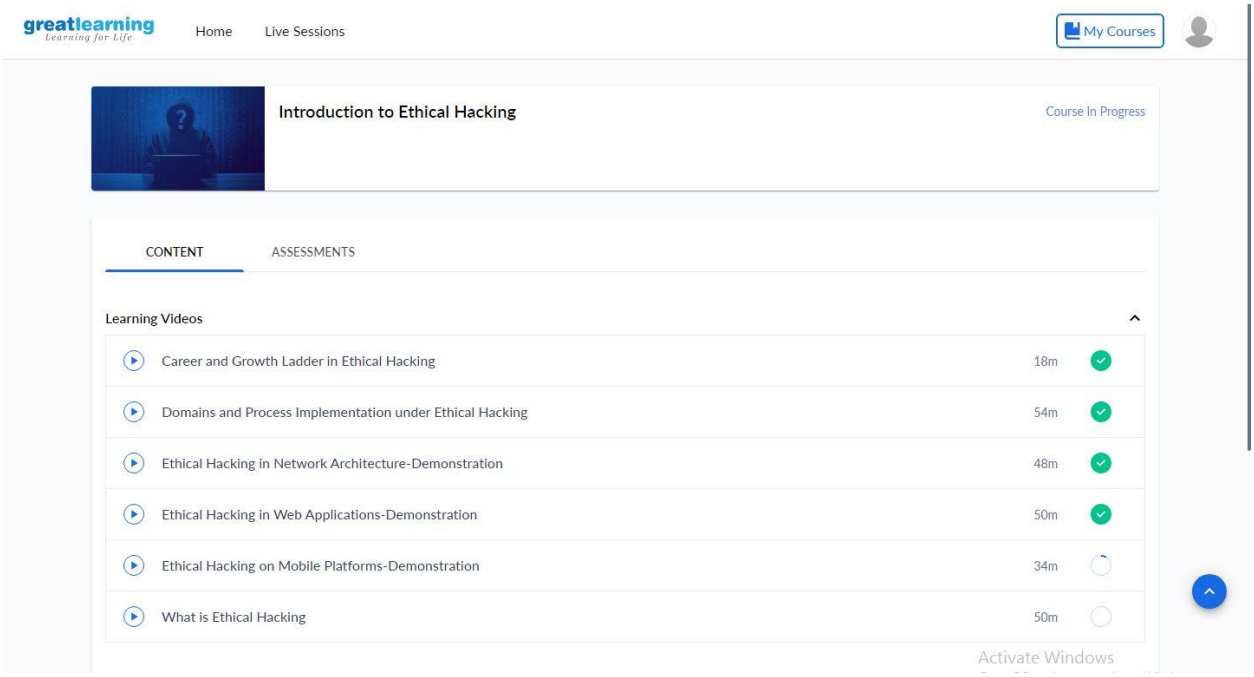
2) Certification Course Details:

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.



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

Content

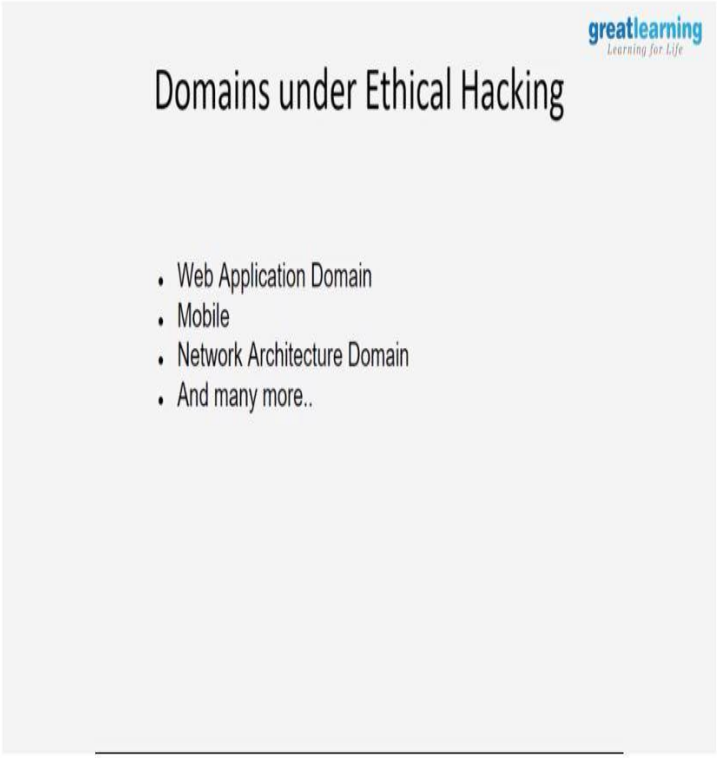
Learning Videos

- 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
- What is Ethical Hacking

Quiz

Claim Your Course Certificate

Domains and Process Implementation under Ethical Hacking



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3) Coding Challenges:

1.

4. Pink Floyd and Happiness

Pink is sad because of some reasons, he wants to cheer up by listening to some songs from his favorite band, Pink Floyd.

There are N records and Pink will be happy if he listens to them in the ascending order, i.e., first the song No. 1, then No.2 and so on (He has to listen to all the N songs to become Happy).

Pink is delivered his records in some given order, he can either add the record to the Playlist in the delivered order or put some on another table. After being put on the table only the topmost record can be added to the playlist at any time.

Print whether Pink will be sad or happy after the delivery of the records.

Input Format

N - Number of records followed by
N numbers- order of records.

Output Format

Print "Happy" if the playlist has songs from 1 to N in order else "Sad".

Constraints

1<=N<=10^5
The array consists of 1-N distinct numbers.

SAMPLE INPUT	SAMPLE OUTPUT
5 1 2 4 3 5	Happy

Pgrm1:

```
n=6
f=0
l=[1,4,9,5,7,8,9]
print(l)

for i in range(0,len(l)-1):
    if l[i]<=l[i+1]:
        f=1
```

```
    else:
        f=0
        break
if f==0:
    print('Pink is Happy')
else:
    print('Pink is Sad')
```