DAILY ONLINE ACTIVITIES SUMMARY

Date:	**22/05/20**	**Name:**	**MOHAMMAD ASHFAN**
Sem & Sec	**VIII A**	**USN:**	**4AL16CS054**

Online Test Summary

Subject	**Big Data Analytics**		
Max. Marks	**40**	**Score**	**30**

Certification Course Summary

Course	**Introduction to Ethical Hacking**		
Certificate Provider	**Great Learner Academy**	**Duration**	**6 Hours**

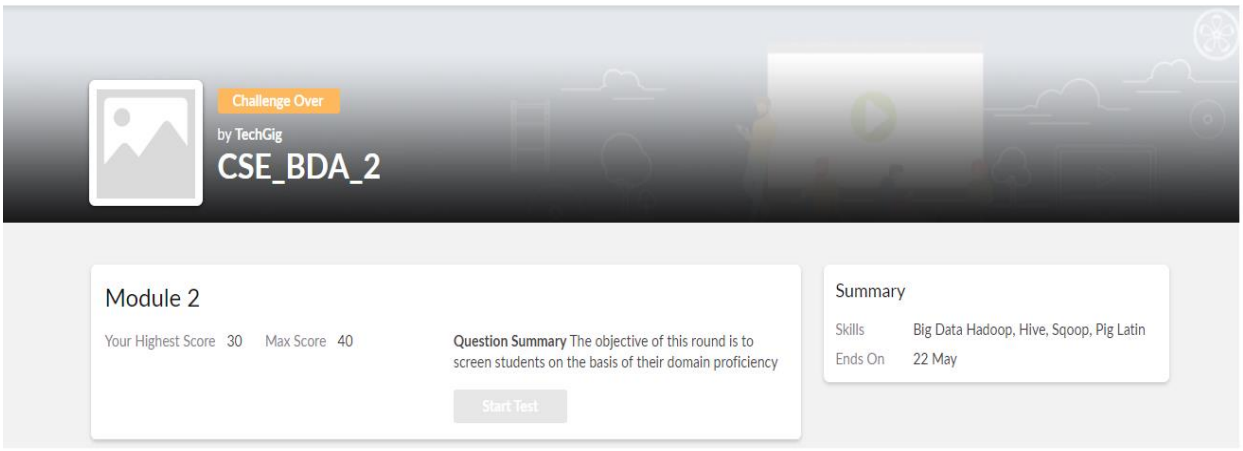
Coding Challenges

Problem Statement: 1. Given an array containing n distinct numbers taken from 0, 1, 2, ..., n, find the one that is missing from the array.

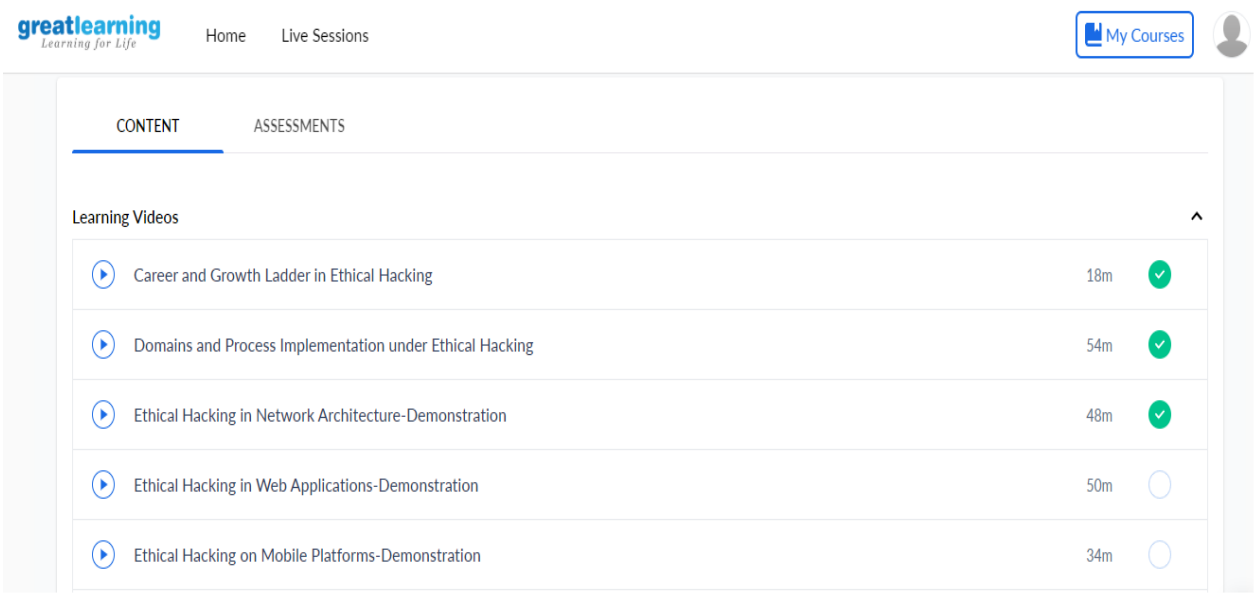
Status: Solved

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

Online Test Details:



Certification Course Details:



Coding Challenges Details:

1. **Given an array containing n distinct numbers form 0, 1, 2, ..., n find the one that is missing from the array.**

Missing_Number.py

```python
def missingNumber(elements):
    max_element = max(elements)
    x =  max_element * (max_element + 1) // 2 - sum(elements)
    if x == 0 and  0 in elements:
        return max_element + 1
    elif x == 0 and 0 not in elements:
        return 0
    return x

elements = []
size = int(input('Enter the value of n \n'))
print('Enter the Elements')
for i in range(0, size):
    elements.append(int(input()))
result = missingNumber(elements)
print('The missing number is :',result)
```