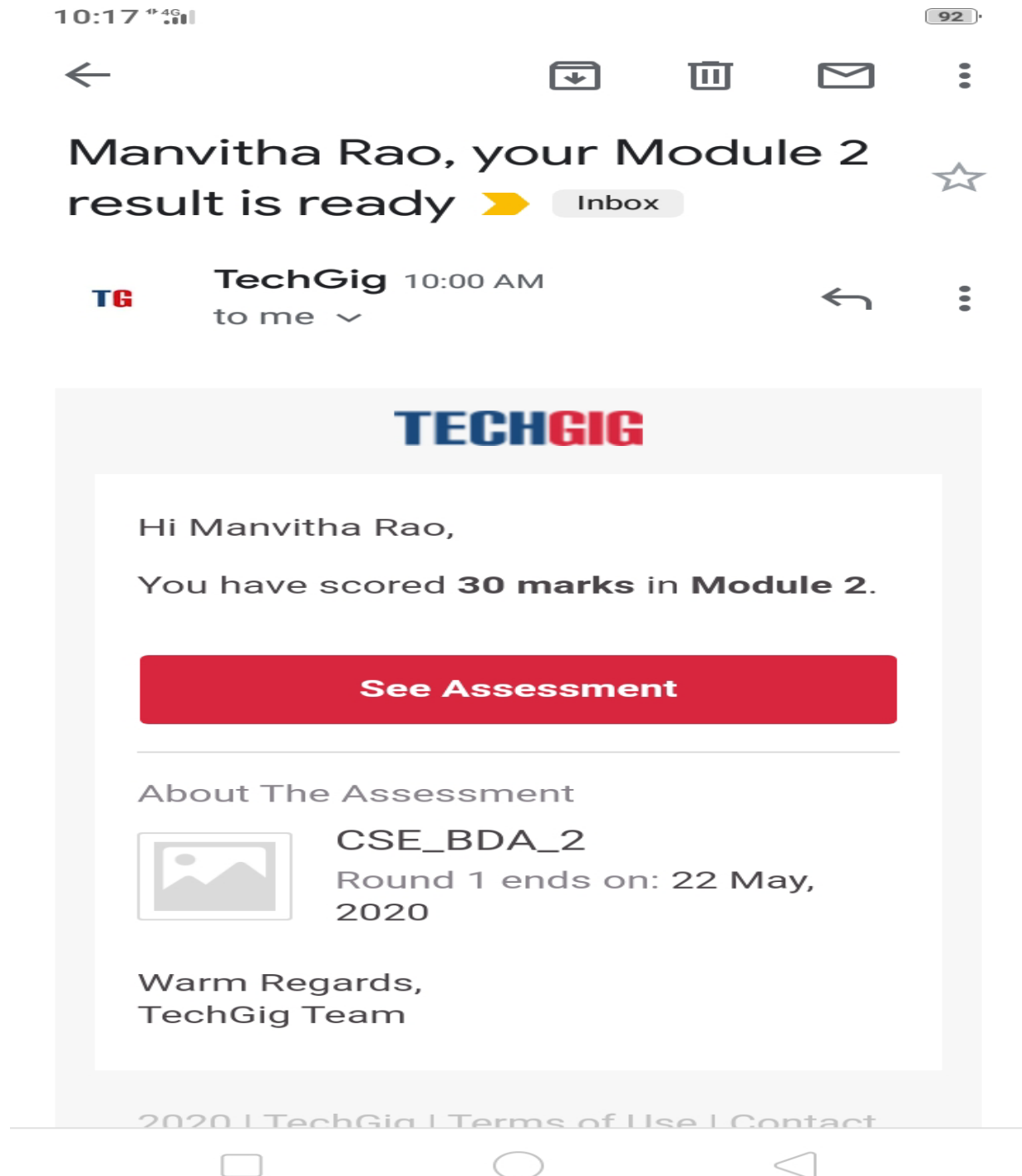


DAILY ONLINE ACTIVITIES SUMMARY

Date:	22/05/2020	Name:	Manvitha Rao
Sem & Sec	8 th A	USN:	4AL16CS051
Online Test Summary			
Subject	BDA		
Max. Marks	40	Score	30
Certification Course Summary			
Course	Introduction to Ethical Hacking		
Certificate Provider	Great learning	Duration	6 hours
Coding Challenges			
Problem Statement:: Given an array containing n distinct numbers taken from 0, 1, 2, ..., n, find the one that is missing from the array.			
Status: COMPLETED			
Uploaded the report in Github		YES	
If yes Repository name		alvas-education-foundation/Manvitha_Rao	
Uploaded the report in slack		YES	

Online Test Details: BDA--- Module 2

Snapshot of test



Certification Course Details:


Introduction to Ethical Hacking

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Voice LTE 4G 83

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greatlearning
Learning for Life



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Career and Growth Ladder in Ethical Hacking

18m

✓

▶

Domains and Process Implementation under Ethical Hacking

54m

✓

▶

Ethical Hacking in Network Architecture-Demonstration

48m

✓

▶

Ethical Hacking in Web Applications-Demonstration

50m

✓

▶

Ethical Hacking on Mobile Platforms-Demonstration

34m

✓

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What is Ethical Hacking

50m

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Quiz

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Coding Challenges Details

Program

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

```
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)
```