DAILY ONLINE ACTIVITIES SUMMARY

Date:	**26-05-2020**	**Name:**	**Pallavi I sutar**
Sem & Sec	**8th B**	**USN:**	**4al16cs061**

Online Test Summary

Subject	**BDA(III IA)**		
Max. Marks	**Test1-20** **Test-20**	**Score**	**Test-14** **Test-14**

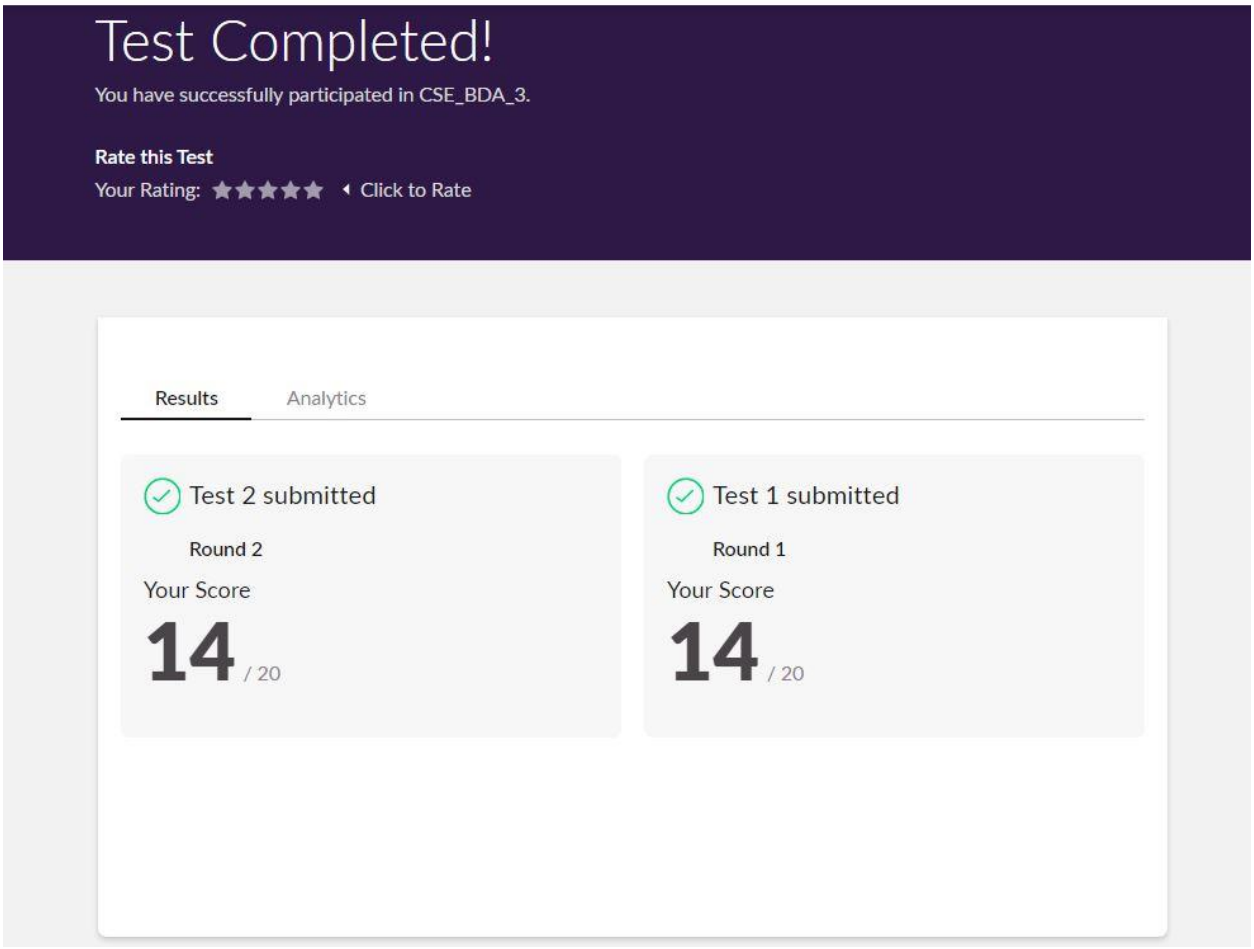
Certification Course Summary

Course	**Ethical Hacking**		
Certificate Provider	**Great learner academy**	**Duration**	**6hrs**

Coding Challenges

Problem Statement: Program to print the elements of an array present on odd position	
Status: solved	
Uploaded the report in Github	**yes**
If yes Repository name	**Pav122**
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)

Domains and Process Implementation under Ethical Hacking

- Web Application Domain
- Mobile
- Network Architecture Domain

Hacking Methodology

- Web Footprinting –Gathering Information
- Vulnerability Scanners –w3 af, Acunetix
- Identity Entry Points and Attack Su

rface

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

solution

Input:

First line consists of a single integer, T, denoting the number of test cases.

First line of each test case consists of two space separated integers denoting N and K.

Second line of each test case consists of N space separated integers denoting the array A.

Output:

For each test case, print the minimum time in which all array elements will become greater than or equal to K. Print a new line after each test case.

Constraints:

1≤T≤5

1≤N≤105

1≤A[i],K≤106

```
testCases = int(input())
for _ in range(testCases):
n, k = map(int, input().split())
array = input().split()
array = [int(i) for i in array]
mini = min(array)
if int(mini) < k:
print(k - int(mini))
else:
print(0)
```

SAMPLE INPUT

2

3 4

1 2 5

3 2

2 5 5

#

SAMPLE OUTPUT

3

0