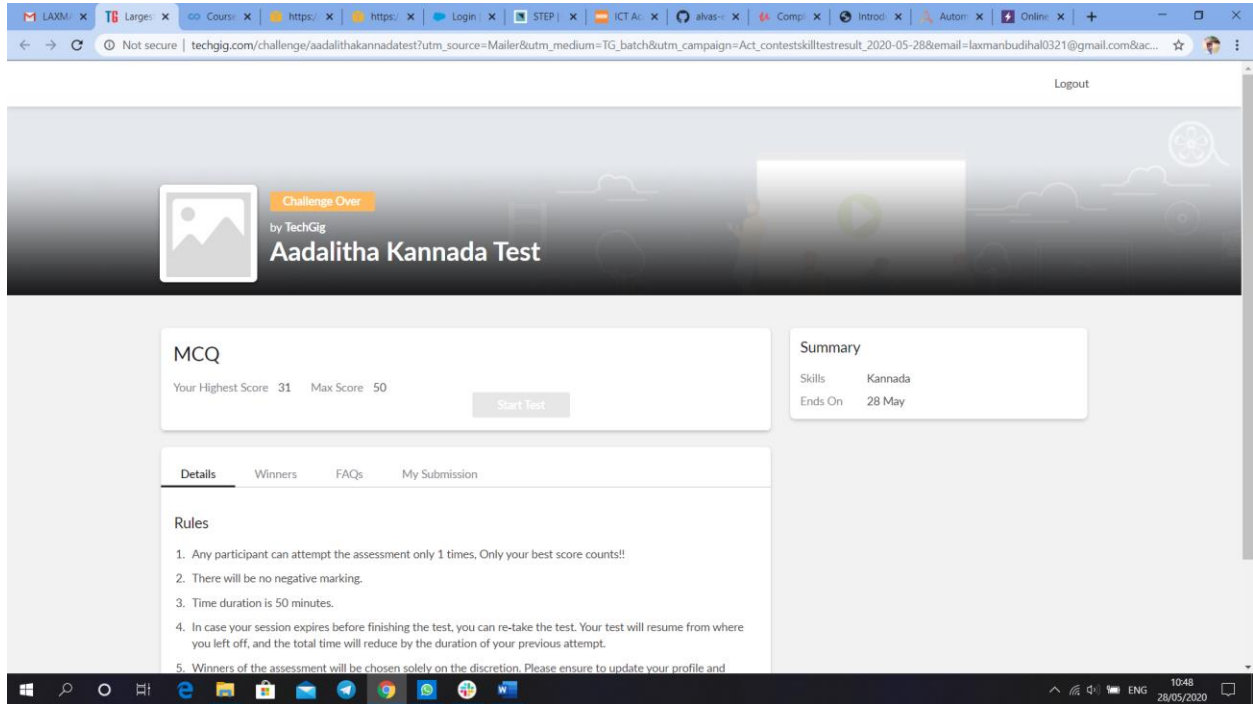


## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	28/05/2020	<b>Name:</b>	Laxman Pundalik Budihal
<b>Sem &amp; Sec</b>	4 <sup>rd</sup> sem (A sec)	<b>USN:</b>	4AL18CS043
<b>Online Test Summary</b>			
<b>Subject</b>	ADALITHA KANNADA		
<b>Max. Marks</b>	50	<b>Score</b>	31
<b>Certification Course Summary</b>			
<b>Course</b>	Introduction to Cybersecurity		
<b>Certificate Provider</b>	CISCO	<b>Duration</b>	30 hours
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Generic Root of give number			
<b>Status:</b> Completed			
<b>Uploaded the report in GitHub</b>		YES	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/Laxman_Budihal">https://github.com/alvas-education-foundation/Laxman_Budihal</a>	
<b>Uploaded the report in slack</b>		YES	

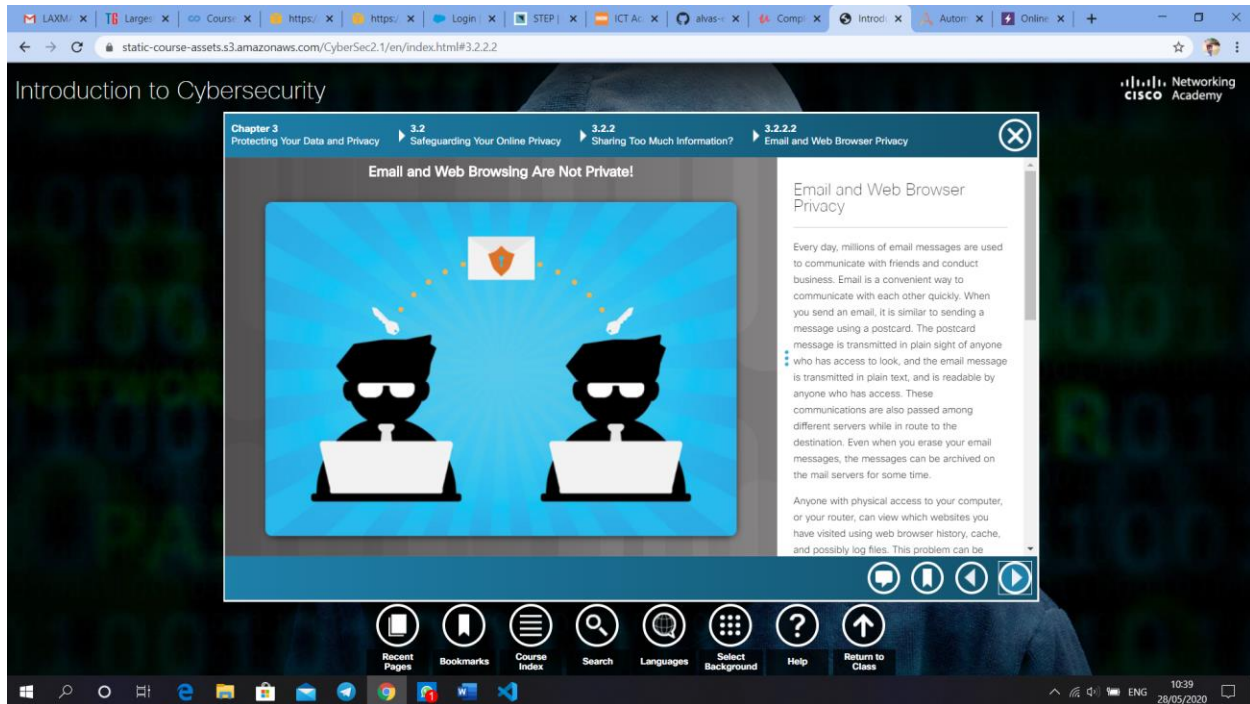
## Online Test Details: (Attach the snapshot and briefly write the report for the same)



MES Internals was conducted. A total of 20 questions were there in which 20 of them were Multiple Choice Questions.

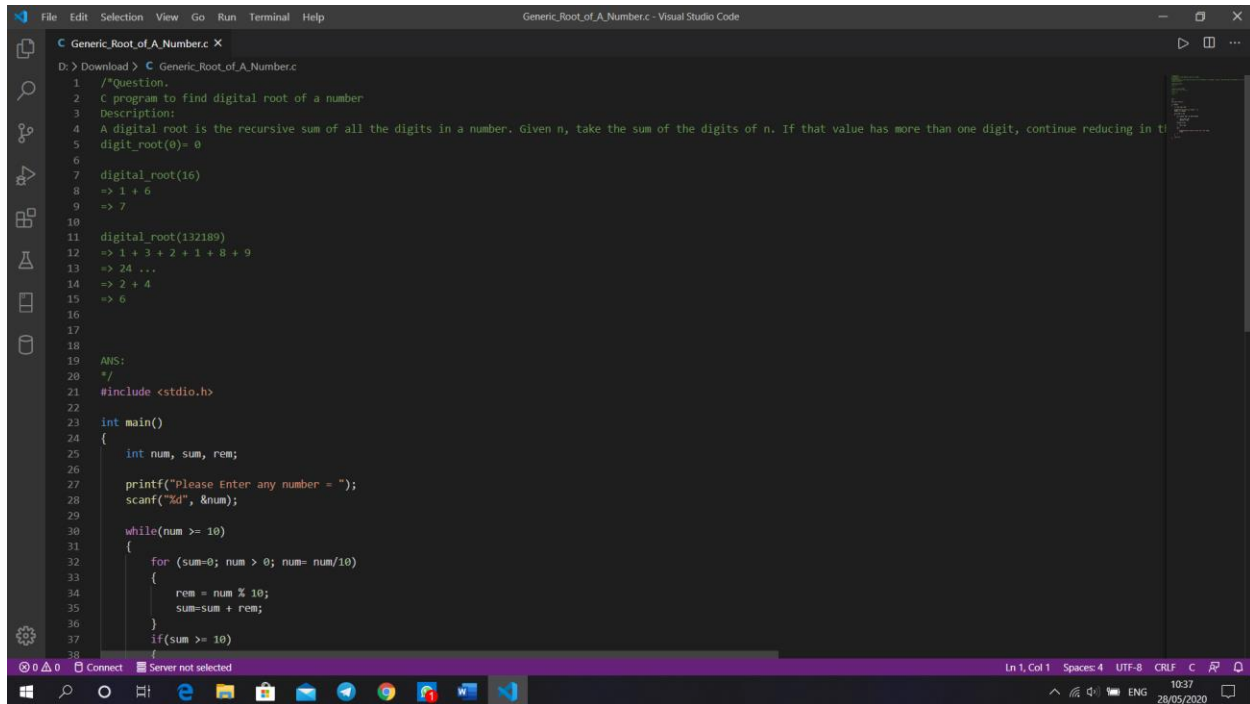
The above snapshot is the result sheet which was mailed to us by the Techgig team.

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



The today's topic they thought about data maintenance and how to protect our data and how to delete our data permanently.

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



The screenshot shows a Visual Studio Code editor window titled "Generic\_Root\_of\_A\_Number.c - Visual Studio Code". The editor displays a C program for finding the digital root of a number. The code includes comments explaining the problem and a recursive function. The main function prompts the user to enter a number and uses a while loop to calculate the digital root by repeatedly summing the digits until the result is a single digit.

```
1  /*Question.
2  C program to find digital root of a number
3  Description:
4  A digital root is the recursive sum of all the digits in a number. Given n, take the sum of the digits of n. If that value has more than one digit, continue reducing in this manner until a single digit is reached. For example, if the input is 321 then the output should be 6 as the sum of digits is 3+2+1=6. If the input is 132189 then the output should be 6 as the sum of digits is 1+3+2+1+8+9=24, then 2+4=6.
5  digit_root(0)= 0
6
7  digital_root(16)
8  => 1 + 6
9  => 7
10
11 digital_root(132189)
12 => 1 + 3 + 2 + 1 + 8 + 9
13 => 24 ...
14 => 2 + 4
15 => 6
16
17
18
19 AWS:
20 */
21 #include <stdio.h>
22
23 int main()
24 {
25     int num, sum, rem;
26
27     printf("Please Enter any number = ");
28     scanf("%d", &num);
29
30     while(num >= 10)
31     {
32         for (sum=0; num > 0; num= num/10)
33         {
34             rem = num % 10;
35             sum=sum + rem;
36         }
37         if(sum >= 10)
38         {
```

The question I took to code is: Generic root of given number