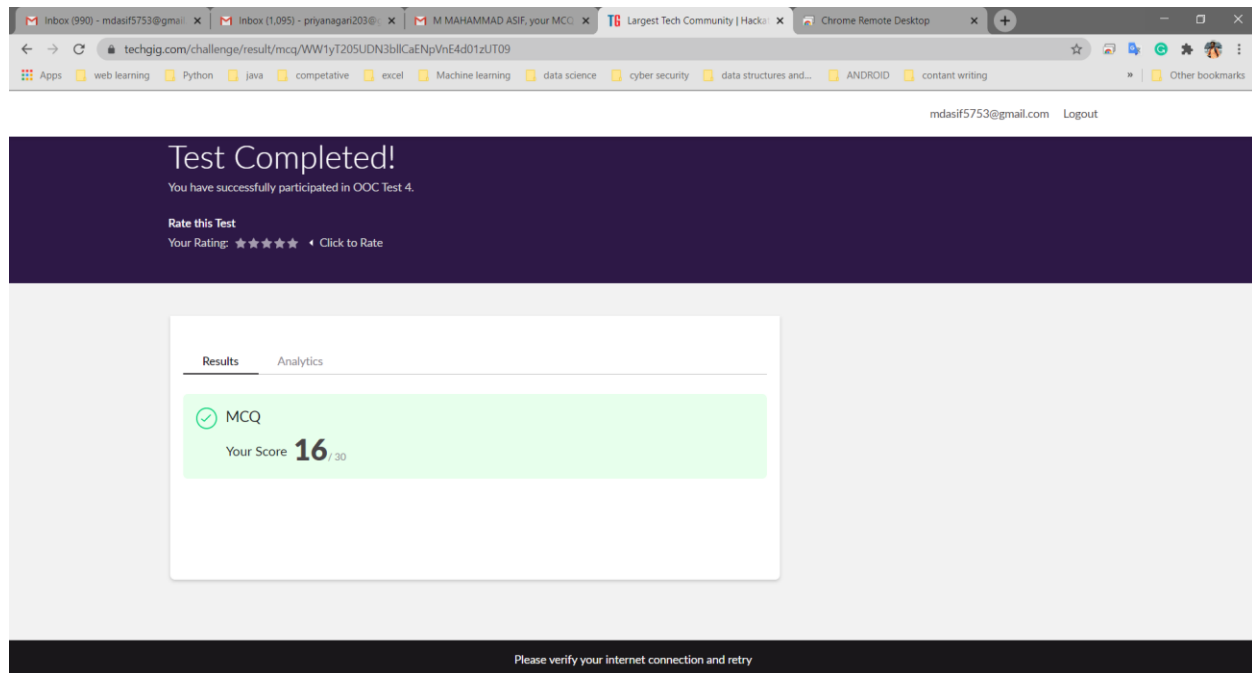


**4DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>10/06/2020</b>	<b>Name:</b>	<b>M MAHAMMAD ASIF</b>
<b>Sem &amp; Sec</b>	<b>4<sup>th</sup> Sem &amp; 'A' Sec</b>	<b>USN:</b>	<b>4AL18CS045</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>OBJECT ORIENTED CONCEPTS(18CS45)</b>		
<b>Max. Marks</b>	<b>30</b>	<b>Score</b>	<b>16</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Java Programming for Beginners.</b>		
<b>Certificate Provider</b>	<b>Great Learning</b>	<b>Duration</b>	<b>3.5 Hours</b>
<b>Coding Challenges</b>			
<b>Problem Statement: 1. C Program to print the sum of boundary elements of a matrix.</b>			
<b>2. Java Program to find the longest repeating sequence in a string.</b>			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		<b>Yes</b>	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF">https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF</a>	
<b>Uploaded the report in slack</b>		<b>Yes</b>	

**Online Test Details:** Today on the subject **OBJECT ORIENTED CONCEPTS (18CS45)** test was conducted on the modules 3<sup>rd</sup> and 4<sup>th</sup>. The test consists of 15 MCQs for 2 marks each. I had scored 16 marks out of 30.

**Snapshot:**



**Certification Course Details:** Today I had Completed Certification Course of Java Programming which was about 3.5 hours of Duration. I had uploaded this course certificate in repository named “Completed course certificates”

In addition to this some other online courses I had completed, as a proof, I uploaded the Certificates in my other repository named “Completed course certificates.”

## Snapshot:

The screenshot shows a web browser window with the Great Learning website. The page title is "Inheritance in Java: Pro". The URL is "olympus.greatlearning.in/courses/12385/pages/inheritance-in-java/module\_item\_id=524435". The page features a navigation bar with "Home", "Live Sessions", and "Certificates". A "My Courses" button is visible. The main content area displays the course "Inheritance in Java" with a list of topics: "What is java", "Install Java & Java IDE", "First Java Program", "Variables and Data Types", "Operators in Java", "Flow Control Statements in Java", "Arrays in Java", "Functions in Java", "Object Oriented Programming in Java", and "Inheritance in Java". The "Inheritance in Java" topic is selected, and a video player shows a Java IDE with the following code:

```
package test_project;

public class Get extends Animal {
    public void animal_sound() {
        System.out.println("how");
    }
}
```

The video player also shows the console output: "how".

The screenshot shows a web browser window with the Great Learning website. The page title is "Functions in Java: Pro". The URL is "olympus.greatlearning.in/courses/12385/pages/functions-in-java/module\_item\_id=524434". The page features a navigation bar with "Home", "Live Sessions", and "Certificates". A "My Courses" button is visible. The main content area displays the course "Functions in Java" with a list of topics: "Agenda", "What is java", "Install Java & Java IDE", "First Java Program", "Variables and Data Types", "Operators in Java", "Flow Control Statements in Java", "Arrays in Java", and "Functions in Java". The "Functions in Java" topic is selected, and a video player shows a Java IDE with the following code:

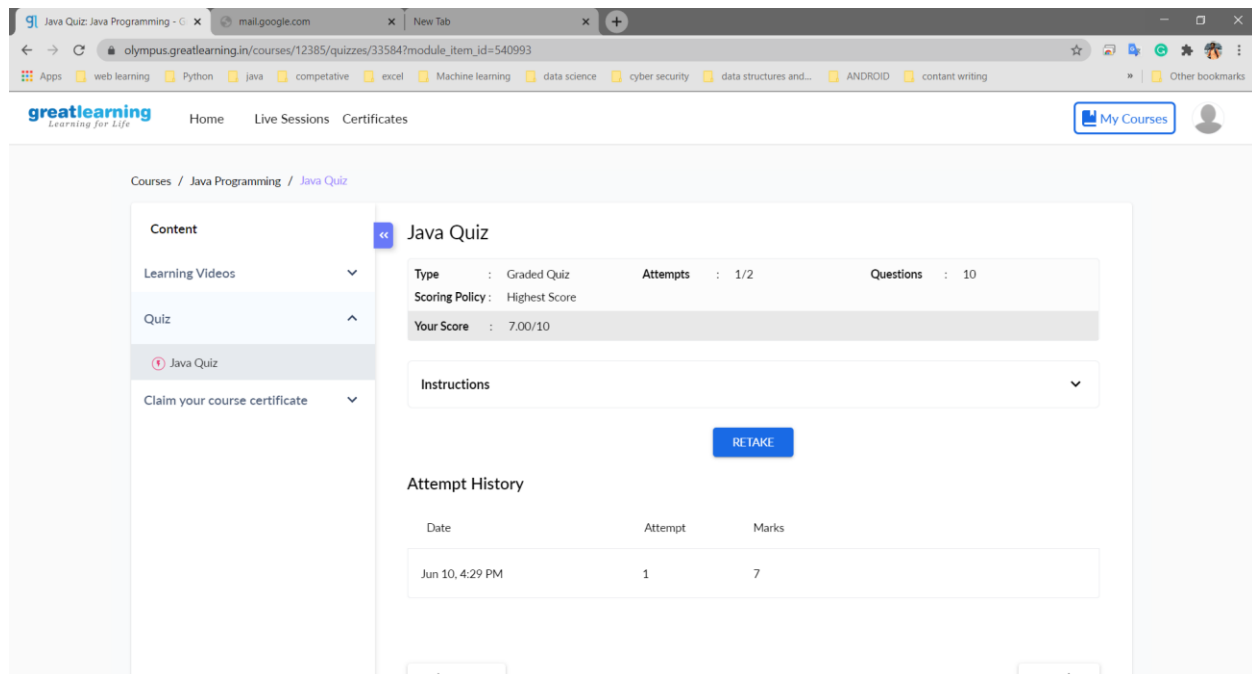
```
package test_project;

public class TestProject {
    // 1000 Auto-generated method stub
    public static void main(String[] args) {
    }

    public int area(int n1, int n2) {
        int result = n1*n2;
        return result;
    }

    public float area(int n1) {
    }
}
```

The video player also shows the console output: "original values: 4:18 5:28", "swapped values: 4:18 5:18".

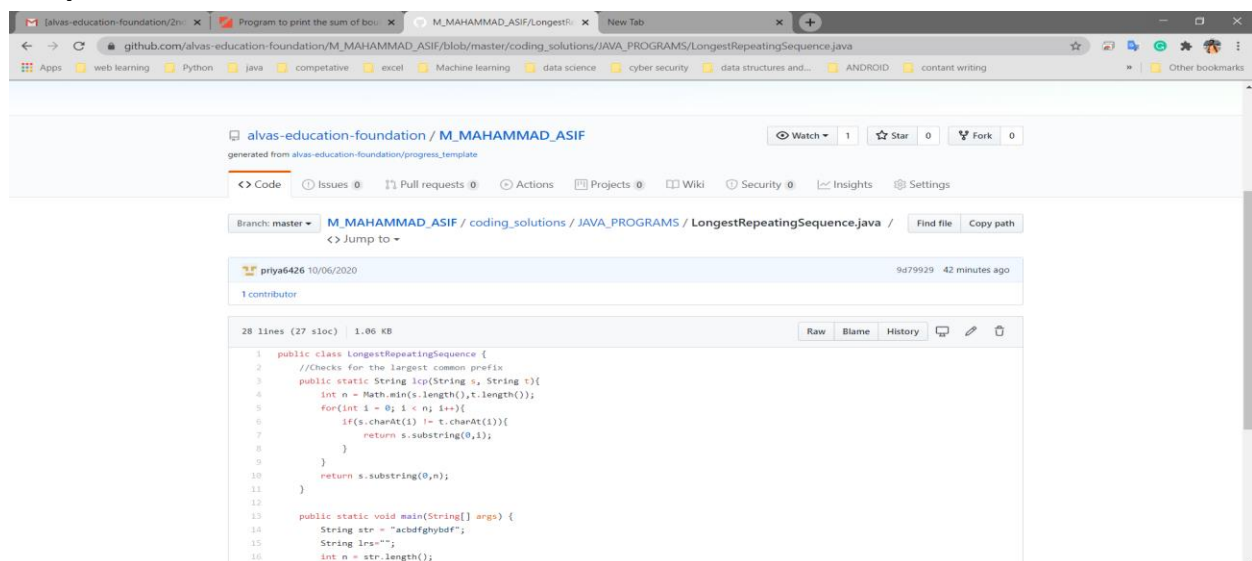


Above are some Snapshots of today's certification course.

**Coding Challenges Details:** Today 2 programs were given to write code. In that, one java program given by Prof Reena Lobo and one C-program given by Prof Venkatesh. Today I had solved both the programs. The problem statement were:

**1. Java Program to find the longest repeating sequence in a string**  
string: acbdfghydbdf

**Snapshot:**



## 2. C Program to print the sum of boundary elements of a matrix

Given a matrix, the task is to print the boundary elements of the matrix and display their sum.

Sample Output 1:

Enter M (Rows) and N (Columns): 3, 3

Enter the Elements: 1 2 3 4 5 6 7 8 9

OUTPUT:

The Input Matrix is:

1 2 3

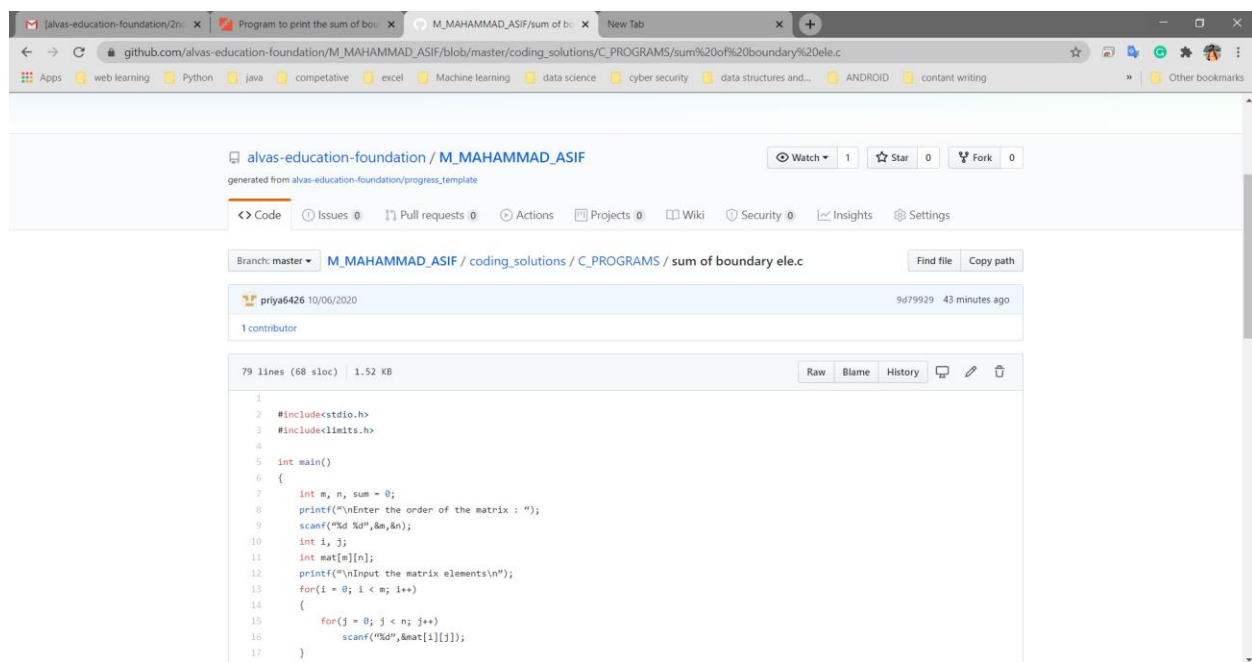
4 5 6

7 8 9

The Boundary Elements are: 1 2 3 4 6 7 8 9

The Sum of Boundary elements of the Matrix is: 40

**Snapshot:**



The screenshot shows a web browser displaying a GitHub repository page for 'alvas-education-foundation / M\_MAHAMMAD\_ASIF'. The repository is generated from a progress template. The file 'sum of boundary ele.c' is selected, showing its commit history and code. The code is a C program that takes the dimensions of a matrix (M and N) and the matrix elements as input, prints the boundary elements, and calculates their sum. The code is as follows:

```
1
2 #include<stdio.h>
3 #include<limits.h>
4
5 int main()
6 {
7     int m, n, sum = 0;
8     printf("\nEnter the order of the matrix : ");
9     scanf("%d %d",&m,&n);
10    int i, j;
11    int mat[m][n];
12    printf("\nInput the matrix elements\n");
13    for(i = 0; i < m; i++)
14    {
15        for(j = 0; j < n; j++)
16            scanf("%d",&mat[i][j]);
17    }
```

