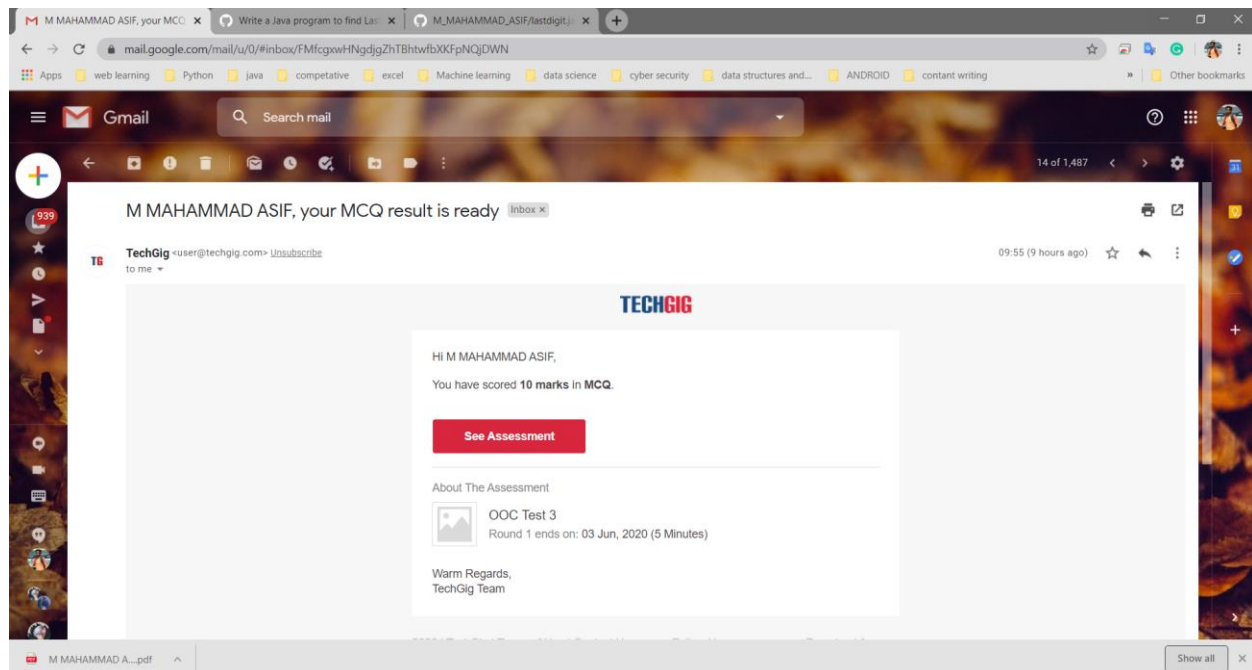


DAILY ONLINE ACTIVITIES SUMMARY

Date:	03/06/2020	Name:	M MAHAMMAD ASIF
Sem & Sec	4th Sem & 'A' Sec	USN:	4AL18CS045
Online Test Summary			
Subject	OBJECT ORIENTED CONCEPTS (18CS45)		
Max. Marks	30	Score	10
Certification Course Summary			
Course	The Complete Android App Development Masterclass:Build Apps.		
Certificate Provider	Udemy	Duration	29 Hours
Coding Challenges			
Problem Statement: 1. Java program to find Last Digit of a^b (a to the power b) for Large Numbers. 2. Java program to swap two numbers using call by object reference.			
Status: Completed			
Uploaded the report in Github	Yes		
If yes Repository name	https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF		
Uploaded the report in slack	Yes		

Online Test Details: On the subject OBJECT ORIENTED CONCEPTS (18CS45) test was conducted on 2nd and 3rd modules. I had scored 10 marks out of 30 marks.



Certification Course Details:

I have continued the the course that is “Complete Android App Development Masterclass: Build Apps”, which is about 29 hours of Duration. In that, I had completed Next part of yesterday’s topic, which was about more than an hour. Parallel to that whatever learns in course I’m practicing in Android Studio. Overall it takes 3-5 hour a day to complete practicing and implementing the concepts that I had learned on that day in Android Studio.

In additional to this daily I’m doing some other online courses aswell, as a proof I uploaded some Certificates in my other repository named “Completed course certificates.”

Snapshot:

The screenshot shows a web browser window displaying a Udemy course page. The browser's address bar shows the URL: udemy.com/course/androidappcourse/learn/lecture/19439856#overview. The page title is "The Complete Android App Development Masterclass: Build Apps". The course content sidebar on the right lists sections and lessons:

- Section 7: Handling Background Tasks (3 / 5 | 1hr 33min)
 - 64. Threading and AsyncTask (26min)
 - 65. Started Services (19min)
 - 66. Bound Services (18min)
 - 67. Job Scheduler (27min)
 - 68. Work Manager (23min)
- Section 8: Networking in Android (2 / 7 | 2hr 28min)
 - 69. Create a News Reader Application - Part 1 (19min)
 - 70. Create a News Reader Application - Part 2 (21min)

The main content area shows a code editor with Java code for an Android app. The code includes a `doInBackground` method that reads data from a URL and returns it as a string. The code is as follows:

```
protected void doInBackground(Void... Void) {
    InputStream inputStream = getInputStream();
    if (null != inputStream) {
        try {
            JSONObject jsonObject = new JSONObject(inputStream);
            catch (JSONException e) {
                e.printStackTrace();
            }
            return null;
        }
    }
    private void getInputStream() {
        private void getJSONObject(InputStream inputStream) throws JSONException, IOException {
        private String getContentType(JSONObject jsonObject) throws IOException, JSONException {
        private void skipTag(JSONObject jsonObject) throws JSONException, IOException {
```

Below the code editor, there is a section titled "About this course" with the text: "Create Real World Applications using Java and Become A Professional Android App Developer From Scratch Today!".

Coding Challenges Details: The Two problems I have solved By Understanding the Concepts through Online and updated the same in Github Repository. The two problem statements were:

1. Java program to find Last Digit of a^b (a to the power b) for Large Numbers.

Snapshot:

The screenshot shows a web browser displaying a GitHub repository page. The repository is 'alvas-education-foundation / M_MAHAMMAD_ASIF'. The file 'lastdigit.java' is selected, showing its code. The code is a Java program for calculating the last digit of a power. The code is as follows:

```
1 import java.util.*;
2 public class lastdigit
3 {
4
5     static int power(long x, long y, long p)
6     {
7         long res = 1; // Initialize result
8
9         x = x % p;
10
11         while (y > 0) {
12
13             if ((y & 1) != 0)
14                 res = (res * x) % p;
```

The file is 53 lines (35 sloc) and 1.12 KB. It was committed by 'mdasi9900' on 03/06/2020. The commit message is 'ad6b7ee' and it was committed 1 minute ago. The file is named 'lastdigit.java'.

2. Java program to swap two numbers using call by object reference.

Snapshot:

The screenshot shows a web browser displaying a GitHub repository page. The repository is 'alvas-education-foundation / M_MAHAMMAD_ASIF'. The file 'Callbyref.java' is selected, showing its code. The code is a Java program for swapping two numbers using call by object reference. The code is as follows:

```
1 import java.util.*;
2
3 class Car
4 {
5     int no;
6     Car(int no) { this.no = no; }
7 }
8
9
10 class Callbyref
11 {
12     // To swap c1 and c2
13     public static void swap(Car c1, Car c2)
14     {
15         int temp = c1.no;
```

The file is 34 lines (29 sloc) and 740 Bytes. It was committed by 'mdasi9900' on 03/06/2020. The commit message is 'ad6b7ee' and it was committed 43 seconds ago. The file is named 'Callbyref.java'.

