

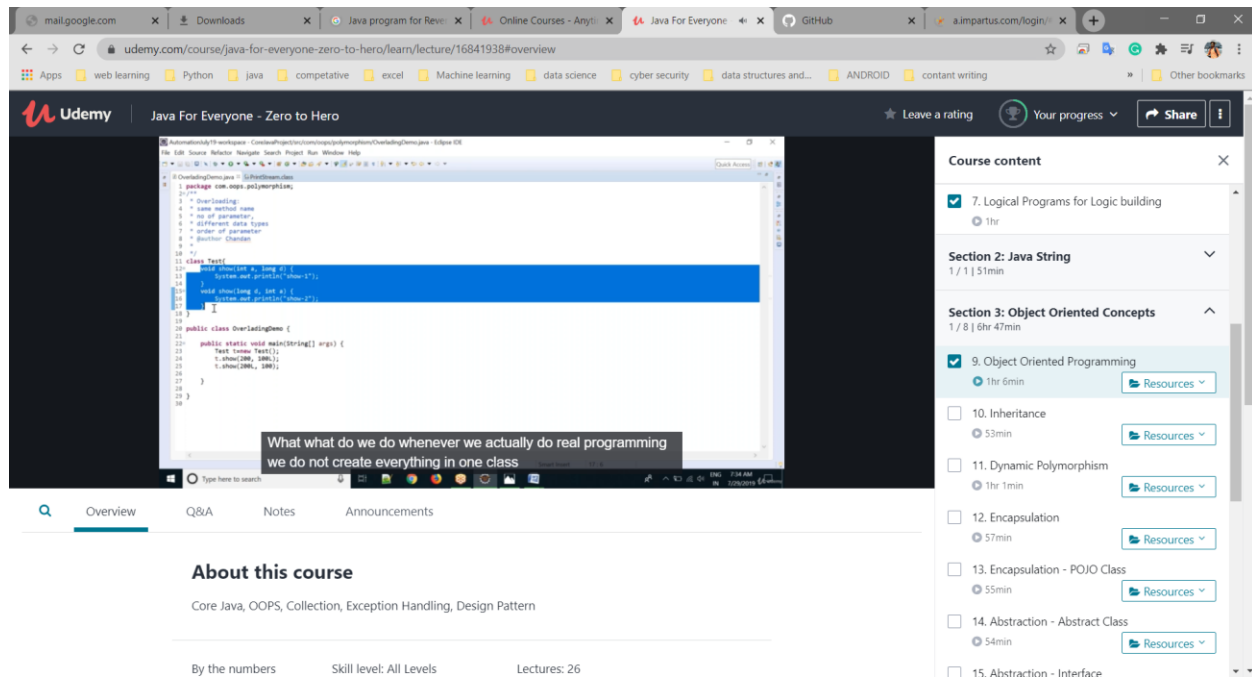
DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	<b>11/07/2020</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>-</b>		
<b>Max. Marks</b>	<b>-</b>	<b>Score</b>	<b>-</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>Java For Everyone - Zero to Hero</b>		
<b>Certificate Provider</b>	<b>Udemy</b>	<b>Duration</b>	<b>22.5 Hours</b>
<b>Coding Challenges</b>			
<b>Problem Statement: N/A</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 test was not conducted.

**Certification Course Details:** Today I continued the same course that is “Java For Everyone - Zero to Hero”. This course was about 22.5 hours of Duration. Today I had studied Logical Programs for Logic building, Java String and Object Oriented Programming.

**Snapshot:**



Above is the Snapshot of today's certification course.

**Coding Challenges Details:** Today one java program task was given by Prof Shilpa. I had solved the program and uploaded the code in Github. The problem statement was:

**1. Java program for Reversal algorithm for array rotation by 3.**

Given an array  $a[]$ , array size  $n$  and  $d$  the number of index to be rotated task is to write a function  $rotate(arr[], d, n)$  that rotates  $arr[]$  of size  $n$  by  $d$  elements.

## Example

Input:

n= 6

arr[]= {1,2,3,4,5,6}

d=3 (specific)

Output: arr[]= {4,5,6,1,2,3}

## Snapshot:

The screenshot shows a web browser displaying a GitHub repository page for 'alvas-education-foundation / M\_MAHAMMAD\_ASIF'. The repository is generated from 'alvas-education-foundation/progress\_template'. The page shows the 'Code' tab selected, with a file path of 'M\_MAHAMMAD\_ASIF / coding\_solutions / JAVA\_PROGRAMS / reversal\_algorithm.java'. The file is 50 lines long (42 sloc) and 1.15 KB. The latest commit is by 'mdasif9900' on 11/07/2020. The code is a Java program that implements a function to rotate an array to the left by a given distance 'd'. The code is as follows:

```
1  import java.io.*;
2
3  class reversal_algorithm {
4
5      static void leftRotate(int arr[], int d)
6      {
7
8          if (d == 0)
9              return;
10         int n = arr.length;
11         reverseArray(arr, d - 1);
12         reverseArray(arr, d, n - 1);
13         reverseArray(arr, 0, n - 1);
14     }
15 }
```