DAILY ONLINE ACTIVITIES SUMMARY

Date:	04/07/2020	Name:	M MAHAMMAD ASIF
Sem & Sec	4th Sem & 'A' Sec	USN:	4AL18CS045

Online Test Summary			
Subject	-		
Max. Marks	-	Score	-

Certification Course Summary			
Course	The Complete Java Masterclass:Learn Java From Scratch		
Certificate Provider	Udemy	Duration	16.5 Hours

Coding Challenges

Problem Statement: 1. Java Program to find the median of each window of size k starting from the left and moving towards the right by one position each time.

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

<u>Online Test Details:</u> **Today test was not conducted.**

<u>Certification Course Details:</u> **Today I continued the same course that is "The Complete Java Masterclass:Learn Java From Scratch". This course was about 16.5 hours of Duration. Today I had studied Object Oriented Programming and Exception Handling in Java Programming.**

Snapshot:
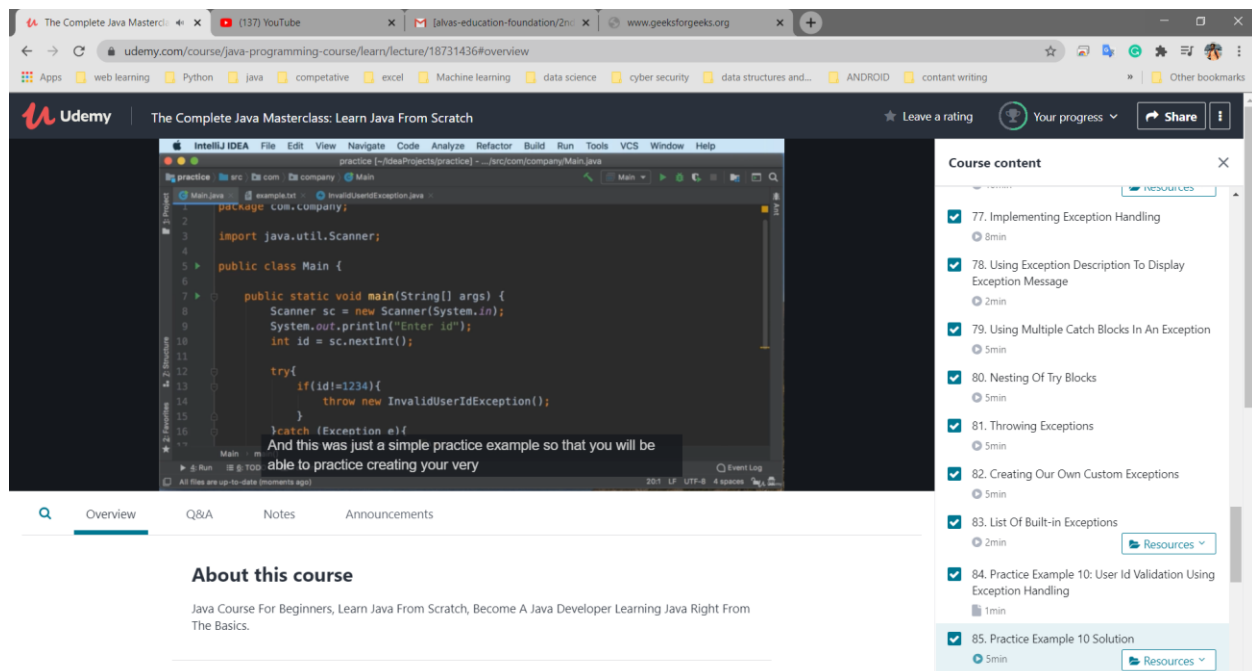
Above is the Snapshot of today's certification course.

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

1. Java Program minimizes the maximum difference between adjacent elements in an array.

Given an array of integer arr[] and an integer k, the task is to find the median of each window of size k starting from the left and moving towards the right by one position each time.

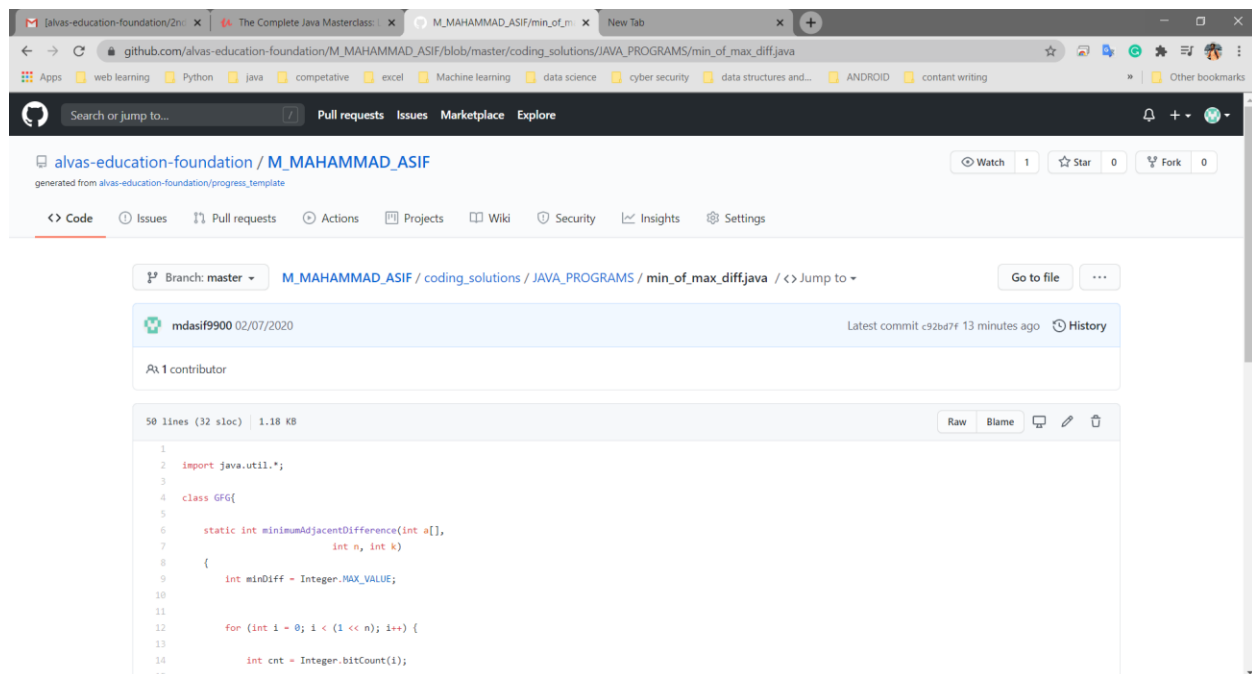Examples: Input: arr[] = {-1, 5, 13, 8, 2, 3, 3, 1},

k = 3

Output: 5 8 8 3 3 3

Input: arr[] = {-1, 5, 13, 8, 2, 3, 3, 1},

 k = 4

Output: 6.5 6.5 5.5 3.0 2.5

Snapshot:

Above is the snapshot of java code uploaded in the Github.