DAILY ONLINE ACTIVITIES SUMMARY

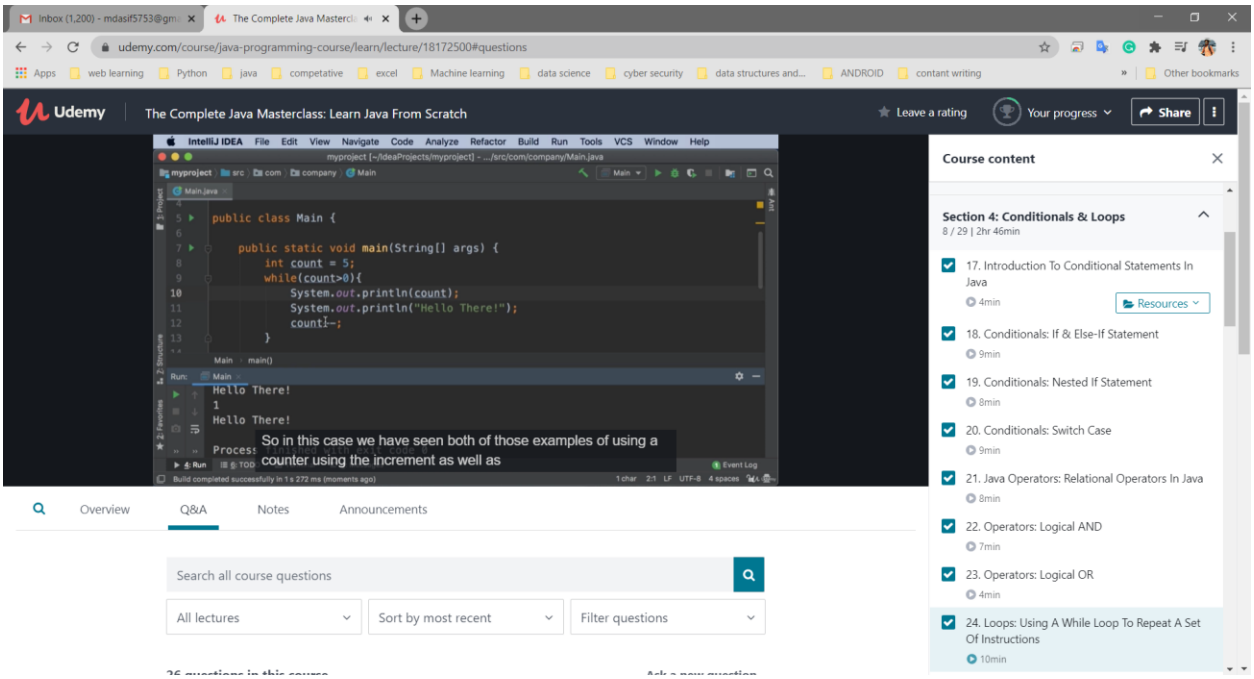
Date:	**02/07/2020**	**Name:**	**M MAHAMMAD ASIF**
Sem & Sec	**4th Sem & 'A' Sec**	**USN:**	**4AL18CS045**
Online Test Summary			
Subject	**-**		
Max. Marks	**-**	**Score**	**-**
Certification Course Summary			
Course	**The Complete Java Masterclass:Learn Java From Scratch**		
Certificate Provider	**Udemy**	**Duration**	**16.5 Hours**
Coding Challenges			
Problem Statement: 1. Java Program minimize the maximum difference between adjacent elements in an array.			
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 started new course that is

“The Complete Java Masterclass:Learn Java From Scratch”. This course was about 16.5 hours of Duration.. Today I had studied Variables, data types and loops in Java.

Snapshot:



Above is the Snapshot of today’s certification course.

<u>Coding Challenges Details</u>: 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 minimizes the maximum difference between adjacent elements in an array.

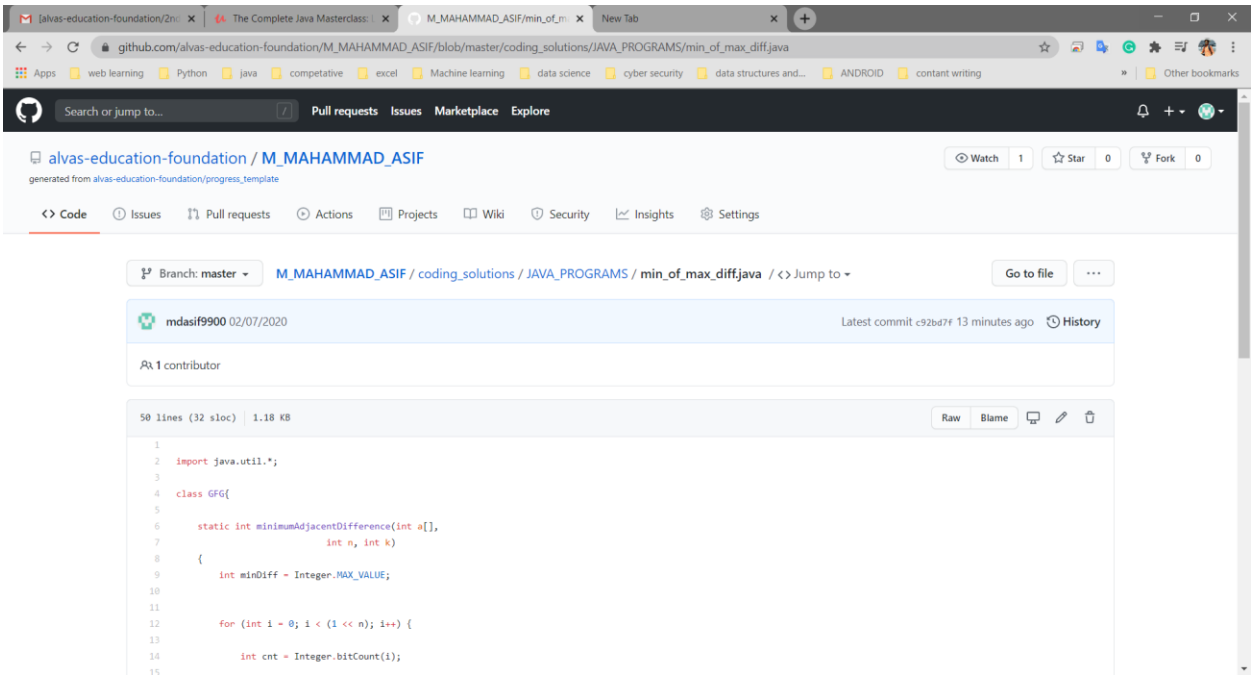
Given a non-decreasing array arr[] and an integer K, the task is to remove K elements from the array such that maximum difference between adjacent element is minimum.

Note: K < N – 2

Examples:

Input: arr[] = {3, 7, 8, 10, 14}, K = 2
Output: 2
Explanation:
After removing elements A[0] and A[4],
The maximum difference between adjacent elements is minimum.
After removing elements, the remaining array is [7, 8, 10]3

Snapshot:



Pre-placement activities: Today I attended online pre-placement training on the topic “C++ programming” conducted by the dept. of Computer Science And Engineering AIET. It was driven by Prof Shruthi Shetty J. After the class I attended the quiz.