**DAILY ONLINE ACTIVITIES SUMMARY**

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| **Date:** | **02/07/2020** | | | | | **Name:** | **RACHANA B S** | |
| **Sem & Sec** | **4th Sem B Sec** | | | | | **USN:** | **4AL18CS065** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **Not conducted** | | | | | | |
| **Max. Marks** | | **-** | | **Score** | | | **-** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **Virtual Internship on Data Science [Program Preview]** | | | | | | | |
| **Certificate Provider** | | | **Great Learning** | | **Duration** | | | **2 hours** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement: 1**. [Write a Java Program minimize the maximum difference between adjacent elements in an array](https://github.com/orgs/alvas-education-foundation/teams/2nd-year/discussions/144) | | | | | | | | |
| **Status: executed** | | | | | | | | |
| **Uploaded the report in GitHub** | | | | | **yes** | | | |
| **If yes Repository name** | | | | | <https://github.com/bsrachana/lockdown_coding> | | | |
| **Uploaded the report in slack** | | | | | **yes** | | | |

Online Test Details: test was not conducted today.

Certification Course Details:

In today’s session, I learnt about Box Plot.

SNAPSHOT:



Coding Challenges Details:

Every day we are given with new question of coding related to the language of java and c. it seems interesting how we imbibe ourselves in depth to understand the logic, break it and then code for it.

Today’s question was:

1. [Write a Java Program minimize the maximum difference between adjacent elements in an array](https://github.com/orgs/alvas-education-foundation/teams/2nd-year/discussions/144)

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| 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] |

SNAPSHOT:

