**DAILY ONLINE ACTIVITIES SUMMARY**

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| **Date:** | **15/06/2020** | | | | | **Name:** | **Felomina Jancy** | |
| **Sem & Sec** | **4th SEM 'A' Section** | | | | | **USN:** | **4AL18CS022** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | - | | | | | | |
| **Max. Marks** | | **-** | | **Score** | | | **-** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **Cloud computing 101** | | | | | | | |
| **Certificate Provider** | | | **Amazon Web Services under ICT Academy** | | **Duration** | | | **3 hours** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement:** Write a Java Program to find if string is K-Palindrome or not. | | | | | | | | |
| **Status: completed** | | | | | | | | |
| **Uploaded the report in Github** | | | | | **yes** | | | |
| **If yes Repository name** | | | | | **https://github.com/Felomina75/lockdown-coding.git** | | | |
| **Uploaded the report in slack** | | | | | **yes** | | | |

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

ONLINE TEST DETAILS:

No test.

CERTIFICATION COURSE DETAILS:

* I was able to do module 2 of Cloud computing course.
* The topics covered are:
* AWS cloud computing service introduction
* AWS overview
* AWS analytics services
* AWS compute services
* AWS database services

 CODING CHALLENGES DETAILS:

Problem statement 1:

Write a Java Program to find if string is K-Palindrome or not.

A string is k palindrome if it can be transformed into a palindrome on removing at most k characters from it. Your task is to complete the function is\_k\_palin which takes two arguments a string str and a number N . Your function should return true if the string is k palindrome else it should return false.

Input:  
The first line of input is an integer T denoting the number of test cases . Then T test cases follow . Each test case contains a string str and an integer N separated by space.

Output:  
The output will be 1 if the string is k palindrome else 0 .

**Example**  
Input : String - abcdecba, k = 1  
Output : Yes  
String can become palindrome by remo-  
-ving 1 character i.e. either d or e)

Input : String - abcdeca, K = 2  
Output : Yes  
Can become palindrome by removing  
2 characters b and e.

Input : String - acdcb, K = 1  
Output : No  
String can not become palindrome by  
removing only one character.

Solution : Uploaded it in github

