DAILY ONLINE ACTIVITIES SUMMARY

Date:	13-06-2020	Name:	D Jasmine Joyline
Sem & Sec	VI Sem A	USN:	4AL17CS024

Online Test Summary

Subject	PAP		
Max. Marks	30	Score	20

Certification Course Summary

Course	ONLINE JAVA MASTER CLASS		
Certificate Provider	eBOX	Duration	1.5hr

Coding Challenges

Problem Statement:
1. Write a C Program to calculate Electricity Bill
2. Write a Java Program to determine whether a given matrix is a sparse matrix

Status: Completed

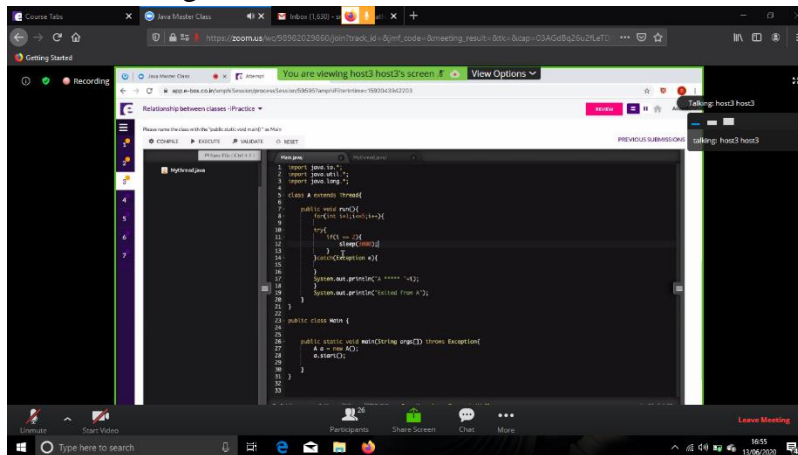| Uploaded the report in Github	Yes
If yes Repository name	https://github.com/alvas-education-foundation/D_Jasmine_Joyline/tree/master/daily_progress
Uploaded the report in slack	Yes

Online Test Details:
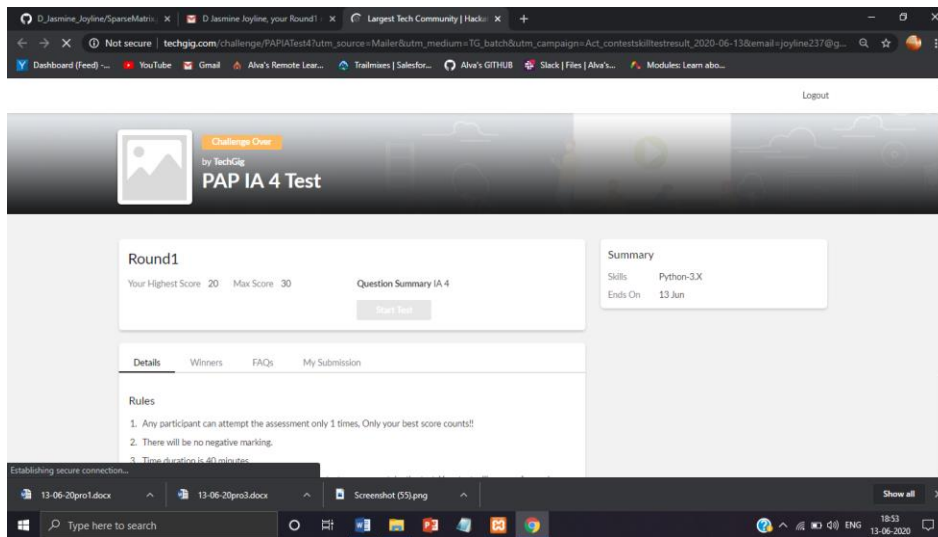
Certification Course Details:

Online Java Master Class through Zoom-

Topics covered are:

- Multithreading

Coding Challenges Details:

1. Write a C Program to calculate Electricity Bill

Given an integer U denoting the amount of KWh units of electricity consumed, the task is to calculate the electricity bill with the help of the below charges:
• 1 to 100 units – Rs. 10/- Per Unit

- 100 to 200 units – Rs. 15/- Per Unit
- 200 to 300 units – Rs. 20/- Per Unit
- above 300 units – Rs. 25/- Per Unit

Examples:

Input: U = 250

Output: 3500
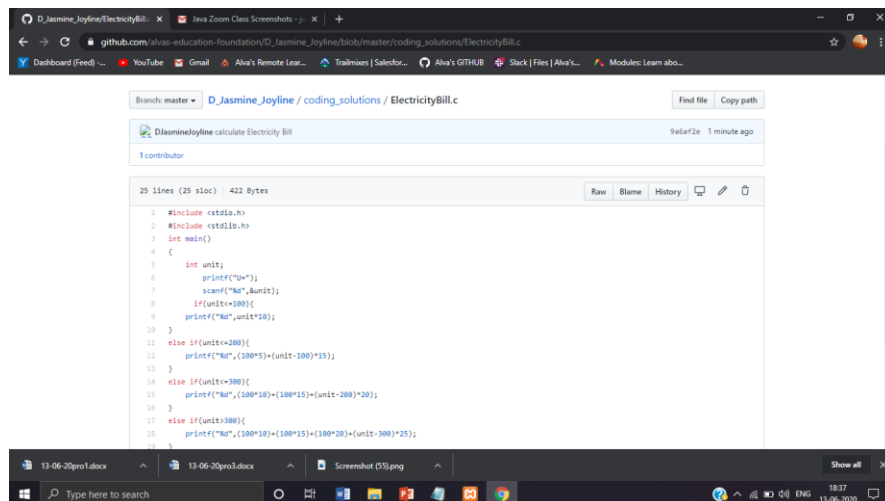
Explanation:

Charge for the first 100 units – 10$100 = 1000$
*Charge for the 100 to 200 units – 15*100 = 1500
Charge for the 200 to 250 units – 20*50 = 1000
Total Electricity Bill = 1000 + 1500 + 1000 = 3500

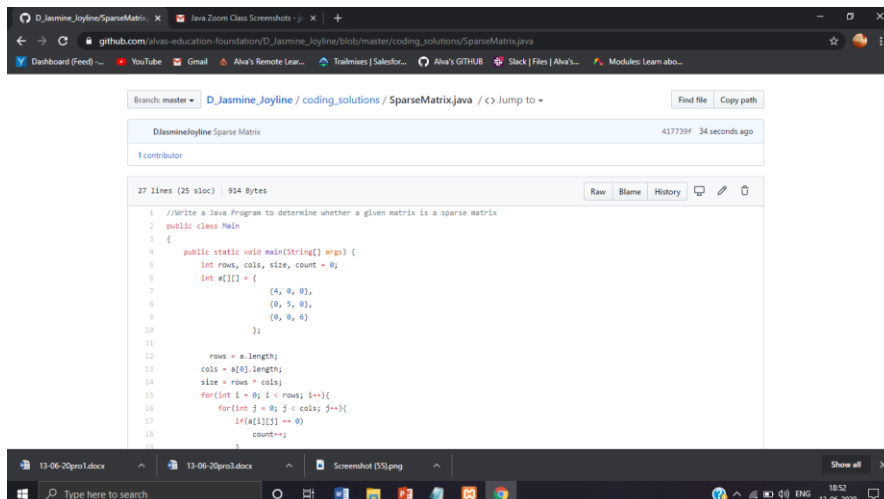2. Write a Java Program to determine whether a given matrix is a sparse matrix