DAILY ONLINE ACTIVITIES SUMMARY

Date:	08/07/2020		Name:	Pramod R
Sem & Sec	4th sem B section		USN:	4AL18CS059

Online Test Summary

Subject	Design and analysis of algorithms.		
Max. Marks	30	Score	_

Certification Course Summary

Course	What is data science		
Certificate Provider	udemy	Duration	3 weeks

Coding Challenges

Problem statement: write a java program to find whether the given strings are anagram.
Status: done

Uploaded the report in Github	yes
If yes Repository name	https://github.com/alvas-education-foundation/Pramod_R
Uploaded the report in slack	yes

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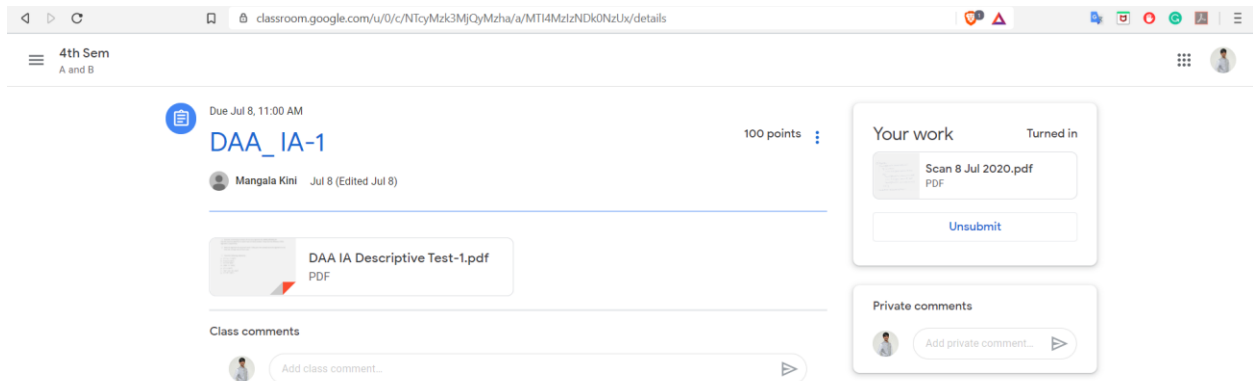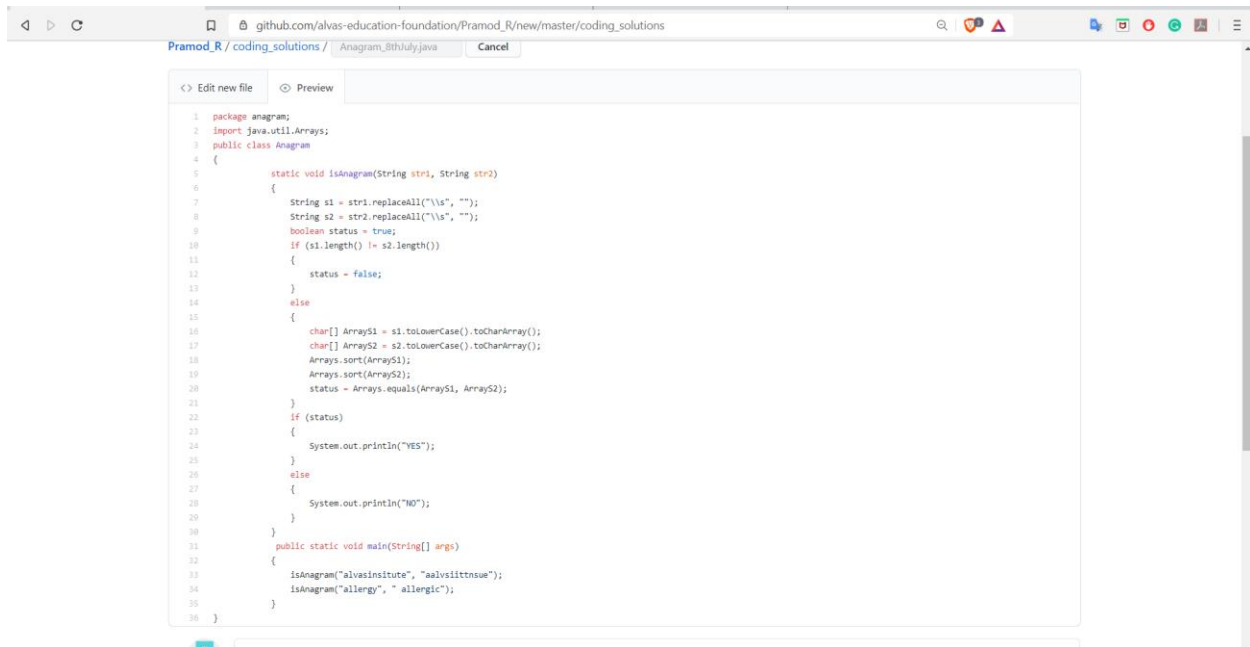

Design and analysis of algorithms written internals was conducted today. The questions was sent through google classroom . The answers were written and scanned file is uploaded in google classroom. The above was screenshot of google classroom.

Certification Course Details: (Attach the snapshot and briefly write the report for the same)
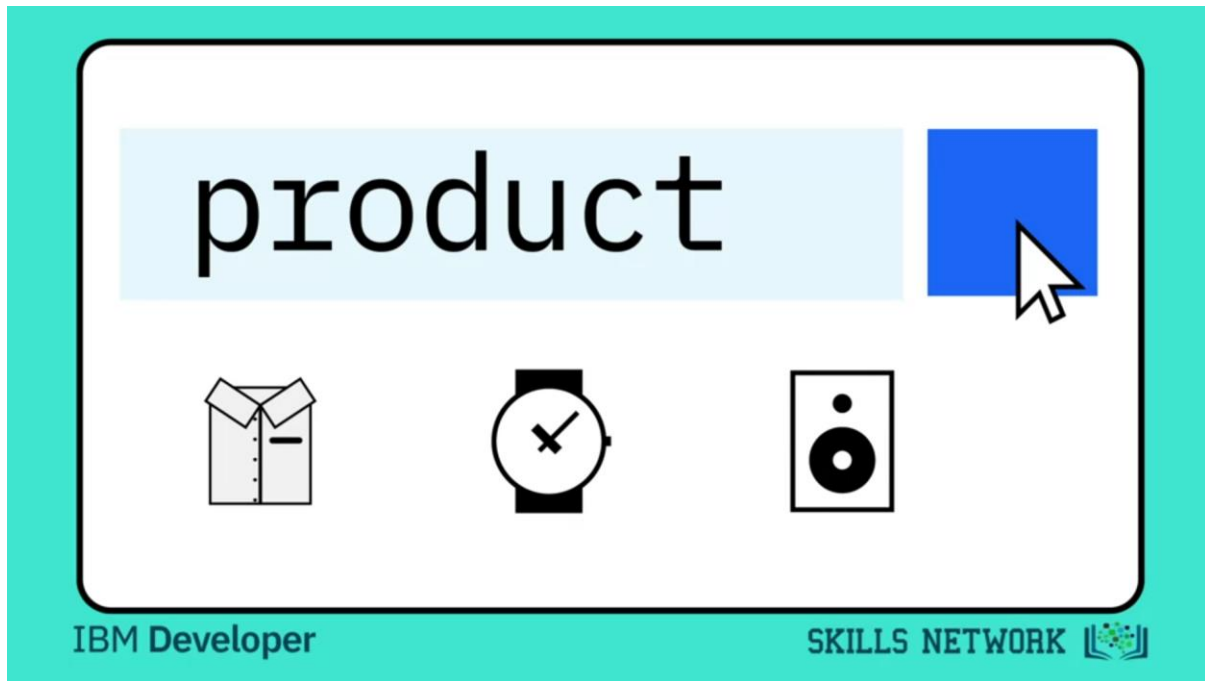
The course I have chosen during the lockdown period is what is data science . Since I had previously knew few topics about data science iam continuing this course.

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

```java
package anagram;
import java.util.Arrays;
public class Anagram
{
        static void isAnagram(String str1, String str2)
        {
            String s1 = str1.replaceAll("\\s", "");
            String s2 = str2.replaceAll("\\s", "");
            boolean status = true;
            if (s1.length() != s2.length())
            {
                status = false;
            }
            else
            {
                char[] ArrayS1 = s1.toLowerCase().toCharArray();
                char[] ArrayS2 = s2.toLowerCase().toCharArray();
                Arrays.sort(ArrayS1);
                Arrays.sort(ArrayS2);
                status = Arrays.equals(ArrayS1, ArrayS2);
            }
            if (status)
            {
                System.out.println("YES");
            }
            else
            {
                System.out.println("NO");
            }
        }
        public static void main(String[] args)
        {
            isAnagram("alvasinsitute", "aalvsiittnsue");
            isAnagram("allergy", " allergic");
        }
}
```

The question we had received today was :

Write a java program to find whether the given strings are anagram.

Code:The above snapshot is the code which I have uploaded in my github repository.