

DAILY ONLINE ACTIVITIES SUMMARY

Date:	08/07/2020	Name:	Priya Nagari
Sem & Sec	Fourth SEM section B	USN:	4AL18CS063
Descriptive Test Summary			
Subject	Design and analysis of algorithm.(descriptive test)		
Max. Marks	30	Score	–
Certification Course Summary			
Course	AWS certified cloud practitioner-Essential course 2020		
Certificate Provider	udemy	Duration	7.5hr
Coding Challenges			
Problem Statement 1: Java program to find whether given strings are anagram or not.			
Status:			
Uploaded the report in Github		YES	
If yes Repository name		Priya_Nagari link: https://github.com/alvas-education-foundation/Priya_Nagari	
Uploaded the report in slack		YES	

Online Test Details:

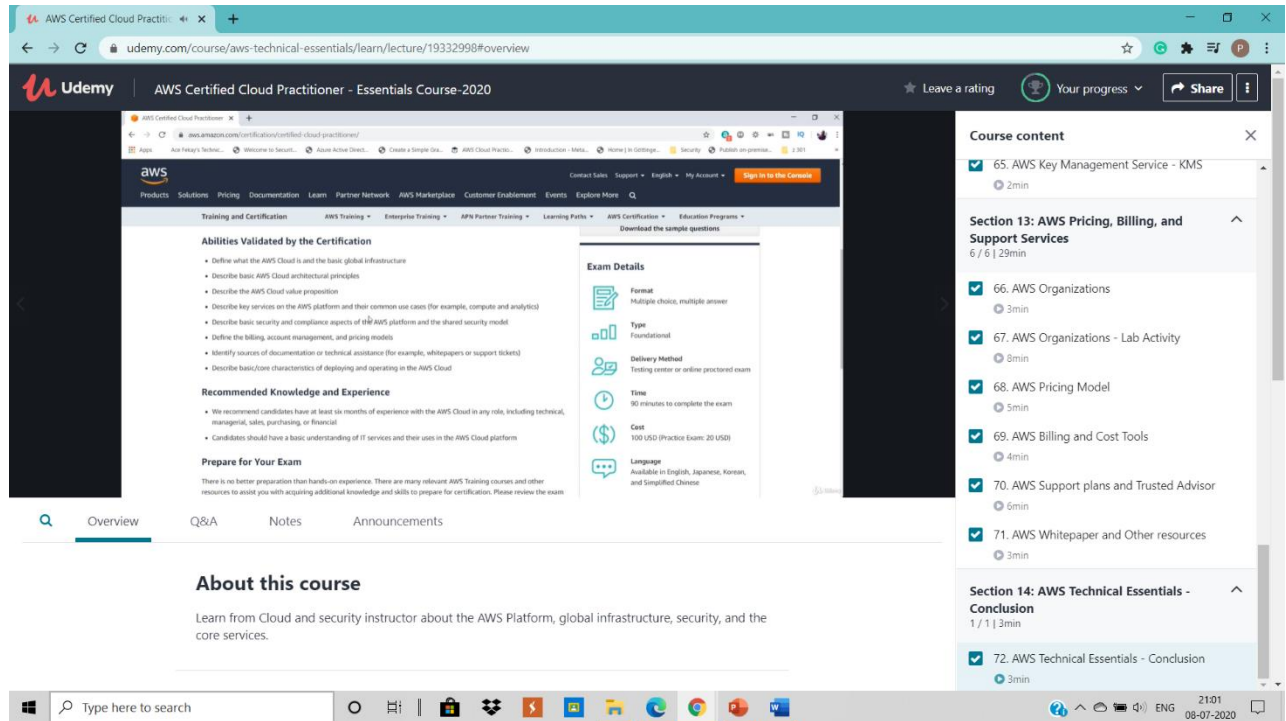
Today I have attended the written test on Design Analysis of Algorithms at morning from 9:40 to 11 .I have submitted the written test papers copy as a pdf.

Course Details:

Name of the course: AWS certified cloud practitioner-Essential course 2020

certificate provide: udemy **duration:**7.5hrs

Today I have enrolled for “**AWS certified cloud practitioner-Essential course 2020**” course in udemy of 7.5 hours duration. Today I have done with remaining concepts in this course and I have uploaded certificate of this course.



Coding Details:

Problem Statement 1: Given two strings a and b consisting of lowercase characters. The task is to check whether two given strings are anagram of each other or not. An anagram of a string is another string that contains same characters, only the order of characters can be different. For example, “act” and “tac” are anagram of each other.

Example:

Input:

alvasinsitute aalvsiittsue
allergy allergic

Output:

YES

NO

The screenshot shows a web browser displaying a GitHub repository page for a Java program named `AnagramString.java`. The repository is owned by `Priya_Nagari` and is part of the `coding_solutions/JAVA_PROGRAMS` directory. The file is on the `master` branch. The commit history shows a single commit by `priya6426` on 08/07/2020. The code is a Java class `AnagramString` with a static method `isAnagram` that takes two strings, `str1` and `str2`, and returns a boolean. The method first checks if the lengths of the two strings are equal. If not, it returns `false`. If they are equal, it converts both strings to lowercase, sorts their character arrays, and then checks if the sorted arrays are equal. If they are, it prints a message indicating they are anagrams; otherwise, it prints a message indicating they are not. The code is 28 lines long (26 lines of code) and 966 bytes in size. The browser's taskbar at the bottom shows various application icons and the system clock indicating 21:26 on 08-07-2020.

```
1  import java.util.*;
2
3  public class AnagramString {
4      static void isAnagram(String str1, String str2) {
5          String s1 = str1.replaceAll("\\s", "");
6          String s2 = str2.replaceAll("\\s", "");
7          boolean status = true;
8          if (s1.length() != s2.length()) {
9              status = false;
10         } else {
11             char[] ArrayS1 = s1.toLowerCase().toCharArray();
12             char[] ArrayS2 = s2.toLowerCase().toCharArray();
13             Arrays.sort(ArrayS1);
14             Arrays.sort(ArrayS2);
15             status = Arrays.equals(ArrayS1, ArrayS2);
16         }
17         if (status) {
18             System.out.println(s1 + " and " + s2 + " are anagrams");
19         } else {
20             System.out.println(s1 + " and " + s2 + " are not anagrams");
21         }
22     }
23 }
```

Pre-placement activities: Not held

Online Training :

Not held.