

DAILY ONLINE ACTIVITIES SUMMARY

Date:	21/07/2020	Name:	Prathiksha
Sem & Sec	8 th sem & B sec	USN:	4AL16CS070
Online Test Summary			
Subject	-		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Introduction to Data Science in Python.		
Certificate Provider	Coursera	Duration	4 weeks
Coding Challenges			
Problem Statement: 1. Fahrenheit to Celsius Using method			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		Prathiksha	
Uploaded the report in slack		Yes	

Online Test Details:

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Certification Course Details:

The screenshot shows the Coursera interface for the course 'Introduction to Data Science in Python'. The user is logged in as Prathiksha. The course is in Week 3, and the current video is 'Scales'. The video content lists four types of scales:

- Ratio scale:**
 - units are equally spaced
 - mathematical operations of $+/-*$ are all valid
 - E.g. height and weight
- Interval scale:**
 - units are equally spaced, but there is no true zero
- Ordinal scale:**
 - the order of the units is important, but not evenly spaced.
 - Letter grades such as A+, A are a good example
- Nominal scale:**
 - categories of data, but the categories have no order with respect to one another.
 - E.g. Teams of a sport.

Topic: Understanding data science week 3.

Coding Challenges Details:

Program 1:

```
import java.util.Scanner;
class FahrenheittoCelsius
{
    public static void main(String arg[])
    {
        double a,c;
        Scanner sc=new Scanner(System.in);

        System.out.println("Enter Fahrenheit
temperature");
        a=sc.nextDouble();
        System.out.println("Celsius temperature is =
"+celsius(a));
    }
    static double celsius(double f)
```

```
    {  
    return (f-32)*5/9;  
    }  
}
```

Output

Enter Fahrenheit temperature

56

Celsius temperature is = 13.333333333333334