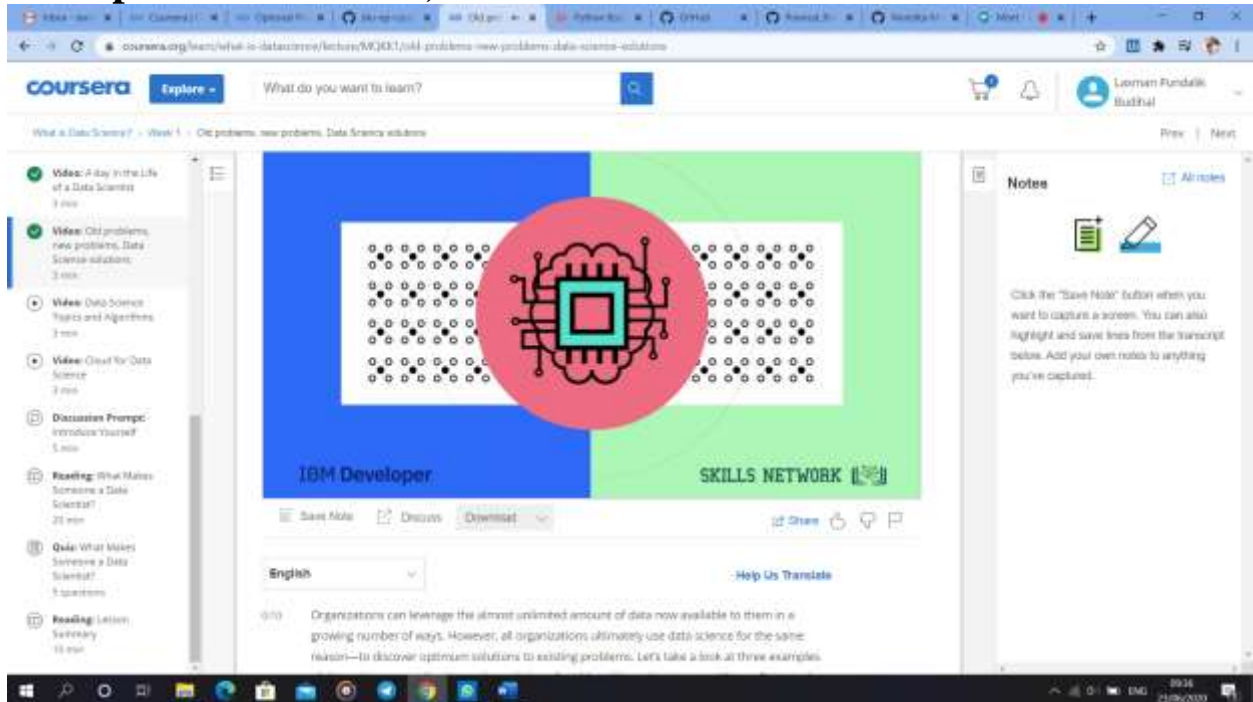


DAILY ONLINE ACTIVITIES SUMMARY

Date:	22/06/2020	Name:	Laxman Pundalik Budihal
Sem & Sec	4 rd sem (A sec)	USN:	4AL18CS043
Online Test Summary			
Subject	-		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Data science		
Certificate Provider	Coursera	Duration	15 hours
Coding Challenges			
Problem Statement: Write a Java Program for Modular Exponentiation			
Status: Completed			
Uploaded the report in GitHub		YES	
If yes Repository name		https://github.com/alvas-education-foundation/Laxman_Budihal	
Uploaded the report in slack		YES	

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



The screenshot shows a web browser displaying a Coursera course page. The browser's address bar shows the URL: <https://coursera.org/learn/what-is-data-science/lecture/5W3JCK/old-problems-new-problems-data-science-solutions>. The Coursera logo is in the top left, and a search bar is in the top center. The user's profile, 'Lorenz Fundalik Budhal', is in the top right. The course title 'What is Data Science?' is visible, along with a 'Week 1' indicator and a 'Old problems, new problems, Data Science solutions' subtitle. The main content area features a video player with a large red brain icon overlaid on a grid of dots. The video player has controls for 'Save Note', 'Discuss', 'Download', 'Share', and 'Help Us Translate'. The sidebar on the left lists course content: 'Video: A Day in the Life of a Data Scientist' (3 min), 'Video: Old problems, new problems, Data Science solutions' (3 min), 'Video: Data Science Topics and Algorithms' (3 min), 'Video: Cloud for Data Science' (3 min), 'Discussion Prompt: introduction-based' (5 min), 'Reading: What Makes Someone a Data Scientist?' (25 min), 'Quiz: What Makes Someone a Data Scientist?' (5 questions), and 'Reading: Lesson Summary' (10 min). The right sidebar shows a 'Notes' section with a 'Save Note' button and instructions on how to use the feature. The Windows taskbar is visible at the bottom, showing the date and time as 10:16 on 23/06/2020.

The today's topic is about Data science

```

1 //Question,
2
3 write a Java Program for Modular Exponentiation
4
5 ans)
6
7 //
8
9 import java.io.*;
10
11 public class QP6 {
12
13     static int power(int x, int y, int p)
14     {
15
16         int res = 1;
17
18         x = x % p;
19
20         if (x == 0) return 0; // in case x is divisible by p;
21
22         while (y > 0)
23         {
24             if ((y & 1) == 1)
25                 res = (res * x) % p;
26
27             y = y >> 1;
28             x = (x * x) % p;
29         }
30         return res;
31     }
32
33     public static void main(String args[])
34     {
35         int x = 3;
36     }
37 }

```