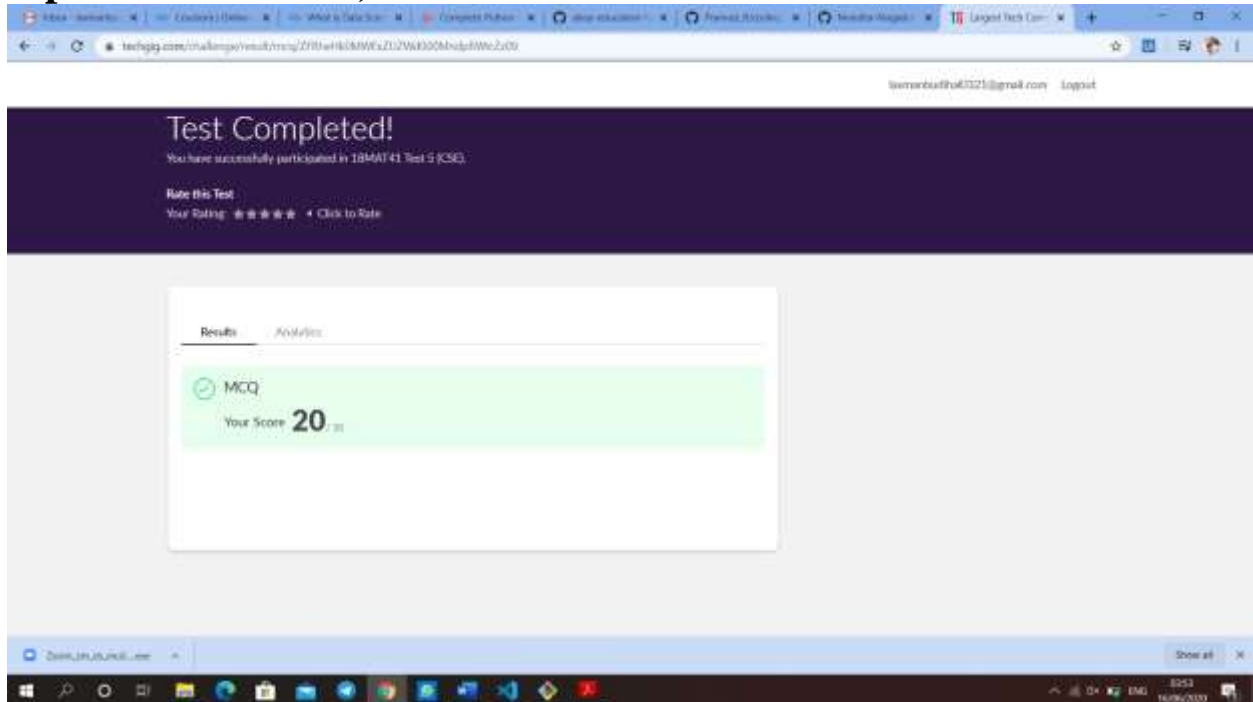


DAILY ONLINE ACTIVITIES SUMMARY

Date:	16/06/2020	Name:	Laxman Pundalik Budihal
Sem & Sec	4 rd sem (A sec)	USN:	4AL18CS043
Online Test Summary			
Subject	M4		
Max. Marks	30	Score	20
Certification Course Summary			
Course	Fundamentals of Data Science		
Certificate Provider	Coursera	Duration	15 hours
Coding Challenges			
Problem Statement: Write a Python program to check whether a given a binary tree is a valid binary search tree (BST) or not?			
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	

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



M4 Internals was conducted. A total of 15 questions were there in which 15 of them were Multiple Choice Questions.

The above snapshot is the result sheet which was mailed to us by the Techgig team.

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

The screenshot shows the Coursera interface for the 'Fundamentals of Data Science' course. The main content area displays a video player with the title 'Fundamentals of data science' and a subtitle 'What is Data Science?'. The video player includes a progress bar and a 'Save Note' button. To the left of the video player is a sidebar with a 'Syllabus' section listing various video and reading materials. To the right is a 'Notes' section with a 'Save Note' button and a text area for capturing a screen. The bottom of the page shows a Windows taskbar with various application icons and a system clock indicating 8:57 on 10/9/2020.

Syllabus

- Defining Data Science
 - Video: What is Data Science? 2 min
 - Video: Fundamentals of Data Science 2 min
 - Video: The Many Paths to Data Science 3 min
 - Video: Advice for New Data Scientists 3 min
 - Reading: Data Science: The Sexiest Job in the 21st Century 28 min
 - Quiz: Data Science: The Sexiest Job in the 21st Century 3 questions
 - Reading: Lesson Summary 11 min

Fundamentals of Data Science

Fundamentals of data science

What is Data Science?

IBM Developer

SKILLS NETWORK

Save Note Discuss Download

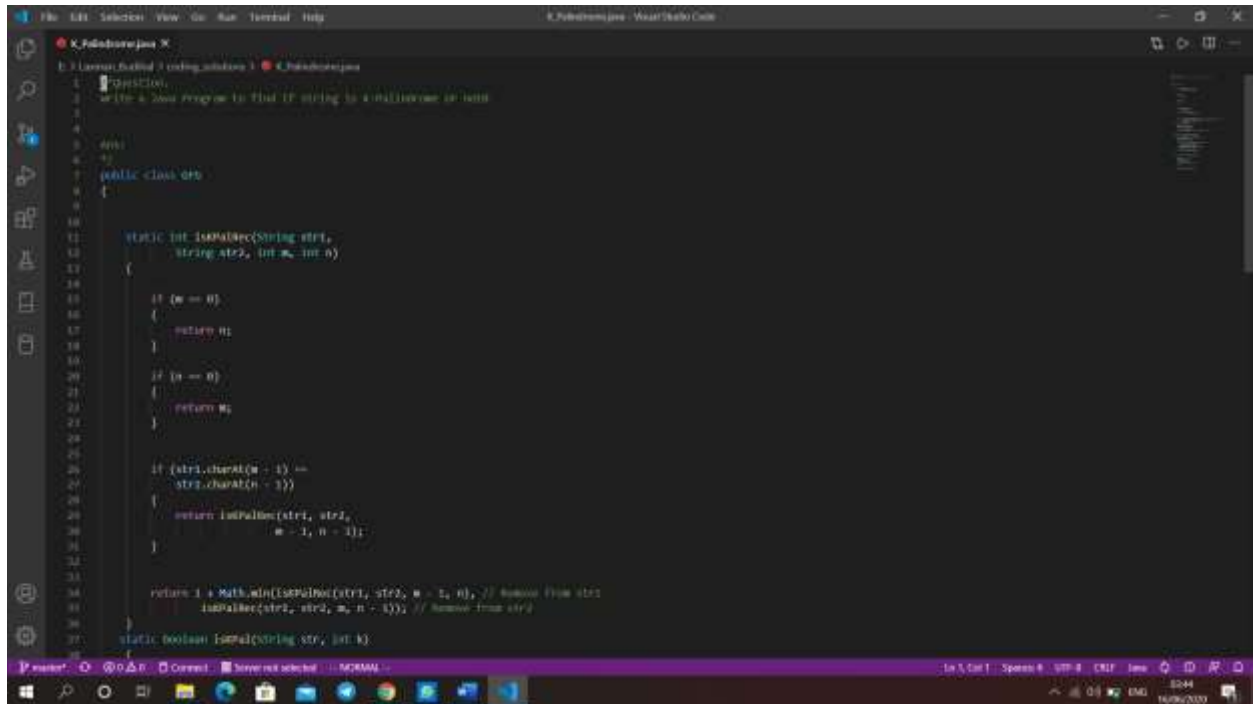
Share

Notes

Click the "Save Note" button when you want to capture a screen. You can also highlight and save lines from the transcript below. Add your own notes to anything you've captured.

The today's topic is about Fundamentals of data science

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



```
1 // Question:
2 // Write a Java program to find if string is palindrome or not.
3
4
5
6
7 public class Q10 {
8
9
10
11     static int isPalRec(String str1,
12                          String str2, int m, int n)
13     {
14         if (m == 0)
15         {
16             return 0;
17         }
18         if (n == 0)
19         {
20             return 0;
21         }
22         if (str1.charAt(m - 1) ==
23             str2.charAt(n - 1))
24         {
25             return isPalRec(str1, str2,
26                             m - 1, n - 1);
27         }
28         return 1 + Math.min(isPalRec(str1, str2, m - 1, n),
29                             isPalRec(str1, str2, m, n - 1)); // Remove from str1
30     }
31
32     static boolean isPal(String str, int k)
33     {
34         // ...
35     }
36 }
```

The question I took to code is: Write a Python program to check whether a given a binary tree is a valid binary search tree (BST) or not?