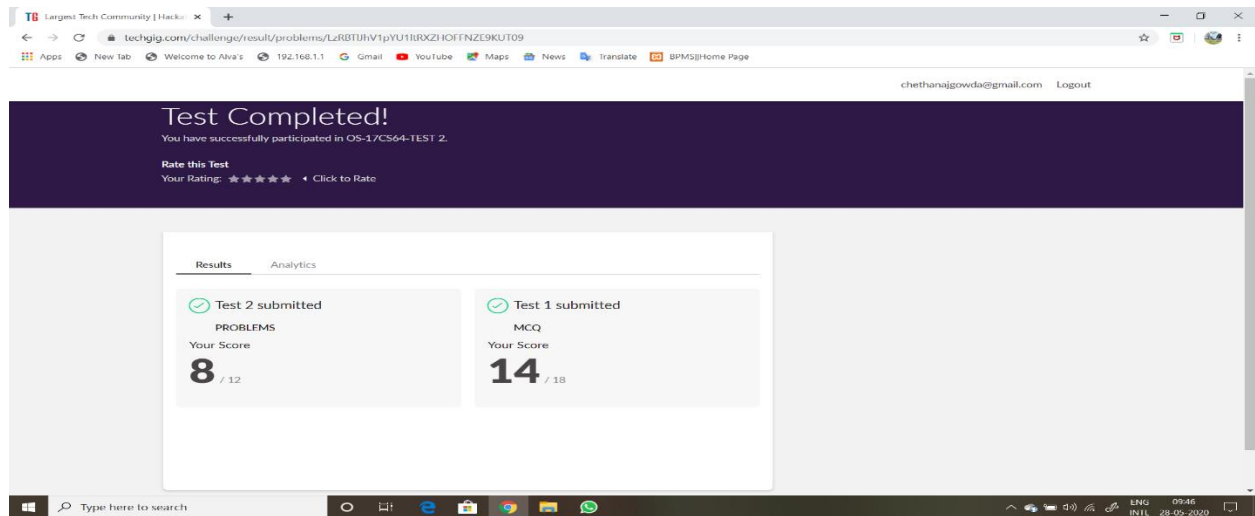


DAILY ONLINE ACTIVITIES SUMMARY

Date:	28/05/2020	Name:	Chethana j
Sem & Sec	6 th A	USN:	4al17cs022
Online Test Summary			
Subject	OS IA 2		
Max. Marks	30	Score	22
Certification Course Summary			
Course	Machine Learning Foundation		
Certificate Provider	Great Learning	Duration	6 hrs.
Coding Challenges			
Problem Statement: 1. Python program to print the greatest number in a list. 2. Python program to find digital root of a number			
Status: Completed			
Uploaded the report in Github		yes	
If yes Repository name		https://github.com/Jchethana1990/online-course	
Uploaded the report in slack		yes	

Online Test Details:



Certification Course Details:

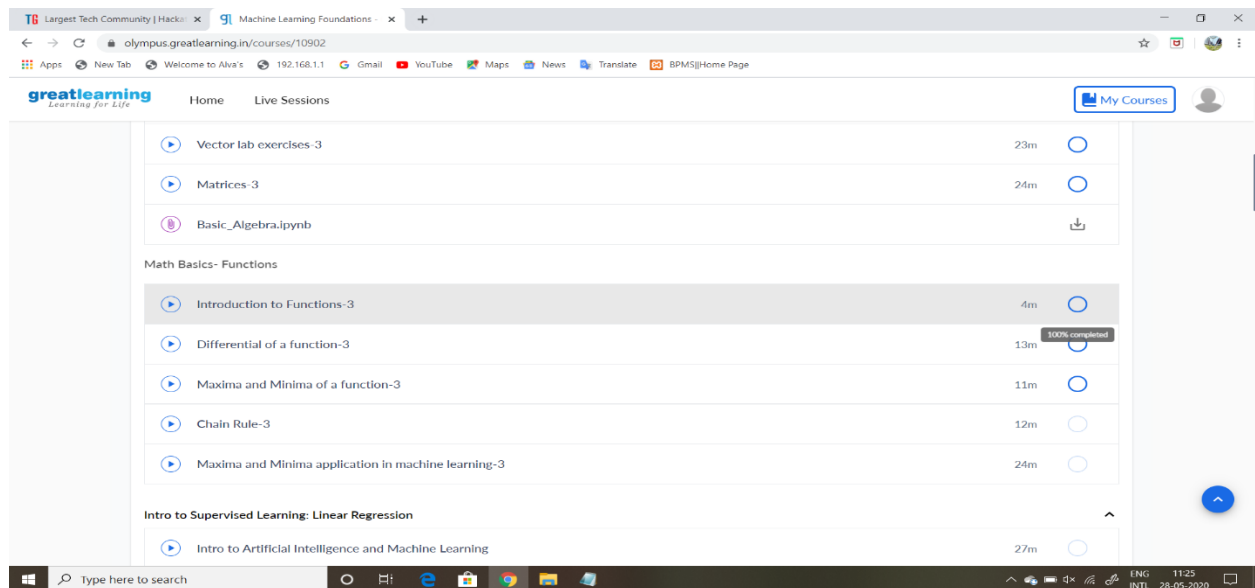
Topics I covered:

Matrices 3

Introduction to function 3

Differential of a function 3

Maxima and Minima of a function 3



greatestlearning

Home Live Sessions

My Courses

Courses / Machine Learning Foundations / Differential of a function-3

Content

Differential of a function-3

Machine Learning Overview

Course Overview

Math Basics for Machine Learning

- How much of maths is required for data science-3
- Line Concept-3
- Lines, Planes and Hyperplanes-3
- Vector algebra_Magnitude and direction-3
- Vector algebra_Vector Operations-3
- Vector lab exercises-3

$$f = x^2 + 2x^2 + 2x - 3$$

$$\frac{d f_{oo}}{d x} = \frac{d(x^2)}{d x} + \frac{d(2x^2)}{d x} + \frac{d(2x)}{d x} - \frac{d(3)}{d x}$$

$$3x^2 + 4x + 2 - 0$$

3x² + 4x + 2

Coding Challenges Details:

Program1: Python program to print the greatest number in a list.

Online Python Compiler - online

onlinegdb.com/online_python_compiler

Language Python 3

main.py

```
1 l = []
2 n = int(input("Enter the size of the list\n"))
3 print("Enter the elements")
4 for i in range(n):
5     x = int(input())
6     l.append(x)
7 print("The greatest number in the list is = ", max(l))
```

input

26

35

The greatest number in the list is = 35

...Program finished with exit code 0

Press ENTER to exit console.

The screenshot shows the OnlineGDB Python compiler interface. The code in the editor is as follows:

```
main.py
1 l = []
2 n = int(input("Enter the size of the list\n"))
3 print("Enter the elements")
4 for i in range(n):
5     x = int(input())
```

The input/output window shows the following interaction:

```
input
Enter the size of the list
3
Enter the elements
11
26
35
The greatest number in the list is = 35
...Program finished with exit code 0
Press ENTER to exit console.
```

The left sidebar contains navigation links: IDE, My Projects, Classroom, Learn Programming, Programming Questions, Sign Up, and Login. There is also an advertisement for Gitcoin Virtual Hackathon.

Program2: . Python program to find digital root of a number.

The screenshot shows the OnlineGDB Python compiler interface. The code in the editor is as follows:

```
main.py
1 n = int(input("Enter the digit\n"))
2 def digital_root(n):
3     m = len(str(n))
4     s=0
5     for i in range(m):
6         s = s + n%10
7         n = n//10
8     print(s)
9     if(len(str(s))>1):
10         return(digital_root(s))
11 print(digital_root(n))
12
```

The input/output window shows the following interaction:

```
input
Enter the digit
123456789546
60
6
None
```

The left sidebar contains navigation links: IDE, My Projects, Classroom, Learn Programming, Programming Questions, Sign Up, and Login. There is also an advertisement for Sustain Podcast #37.

