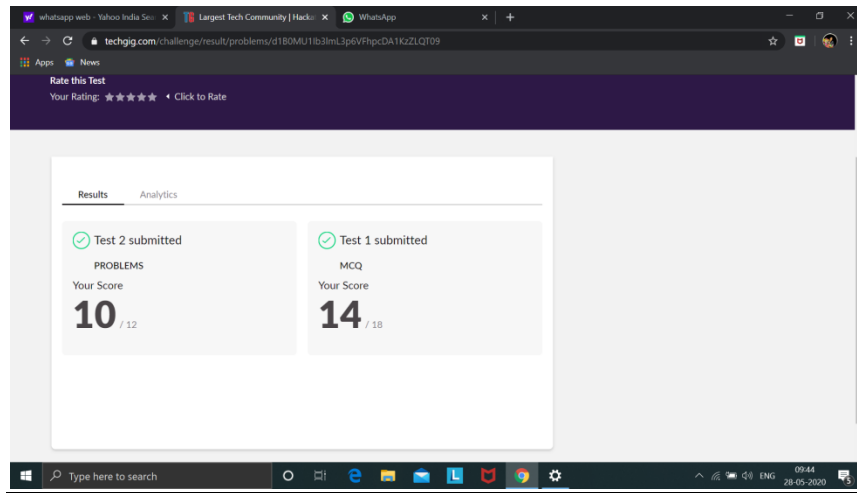


DAILY ONLINE ACTIVITIES SUMMARY

Date:	28-05-2020	Name:	Chetana H
Sem & Sec	VI A	USN:	4AL17CS021
Online Test Summary			
Subject	OS IA Test		
Max. Marks	30	Score	24
Certification Course Summary			
Course	Python for Machine learning,cloud foundations		
Certificate Provider	GreatLearning	Duration	5hr
Coding Challenges			
Problem Statement: 1.Using methods charAt() & length() of String class, write a program to print the frequency of each character in a string. 2. Write down a java program to print even and odd numbers series respectively from two threads: t1 and t2 synchronizing on a shared object Let t1 print message "ping —>" and t2 print message ",—pong".			
Status: Completed,executed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/chetana-H/certification-and-online-coding	
Uploaded the report in slack		Yes	



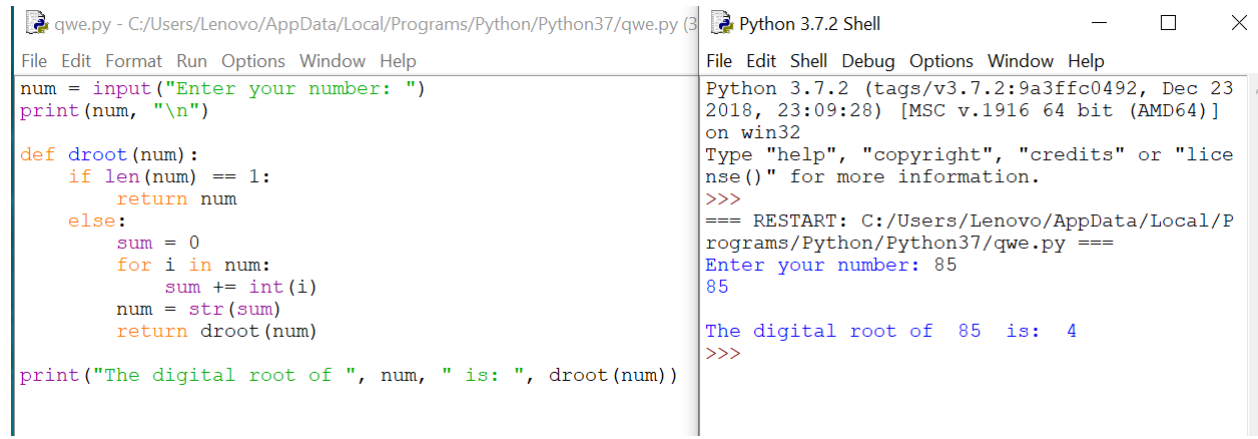
Online Certification Details

Completed two online certification course and claimed certificate.



Coding Challenge Details

1. Python program to find digital root of a number.



The screenshot shows a Python 3.7.2 Shell window with a menu bar (File, Edit, Shell, Debug, Options, Window, Help). The shell displays the following text:

```
Python 3.7.2 (tags/v3.7.2:9a3ffc0492, Dec 23 2018, 23:09:28) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:/Users/Lenovo/AppData/Local/Programs/Python/Python37/qwe.py ===
Enter your number: 85
85

The digital root of 85 is: 4
>>>
```

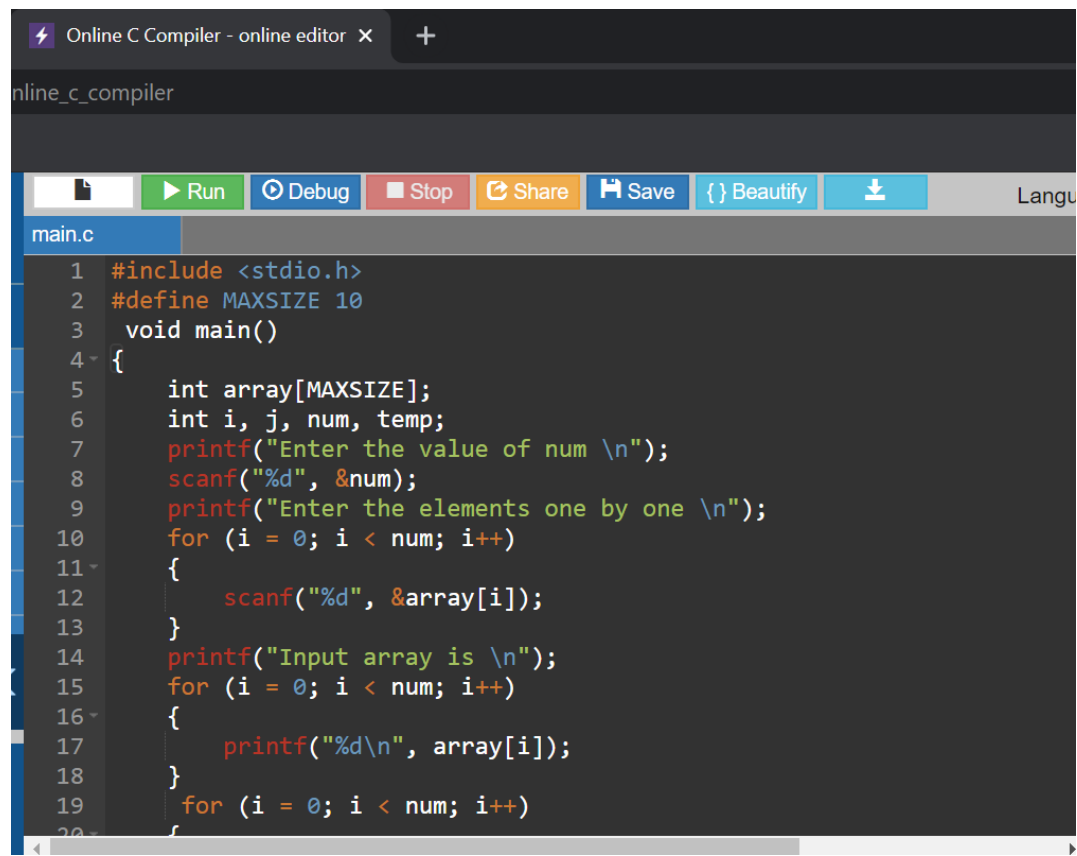
On the left, a text editor shows the Python code for the digital root function:

```
qwe.py - C:/Users/Lenovo/AppData/Local/Programs/Python/Python37/qwe.py (3)
File Edit Format Run Options Window Help
num = input("Enter your number: ")
print(num, "\n")

def droot(num):
    if len(num) == 1:
        return num
    else:
        sum = 0
        for i in num:
            sum += int(i)
        num = str(sum)
        return droot(num)

print("The digital root of ", num, " is: ", droot(num))
```

2. Write a C Program to sort an array of integers in ascending order and display the sorted array and Number of passes performed for sorting.



The screenshot shows an Online C Compiler interface with a menu bar (Run, Debug, Stop, Share, Save, Beautify, Download) and a language dropdown set to C. The code editor shows the following C program:

```
main.c
1 #include <stdio.h>
2 #define MAXSIZE 10
3 void main()
4 {
5     int array[MAXSIZE];
6     int i, j, num, temp;
7     printf("Enter the value of num \n");
8     scanf("%d", &num);
9     printf("Enter the elements one by one \n");
10    for (i = 0; i < num; i++)
11    {
12        scanf("%d", &array[i]);
13    }
14    printf("Input array is \n");
15    for (i = 0; i < num; i++)
16    {
17        printf("%d\n", array[i]);
18    }
19    for (i = 0; i < num; i++)
```

