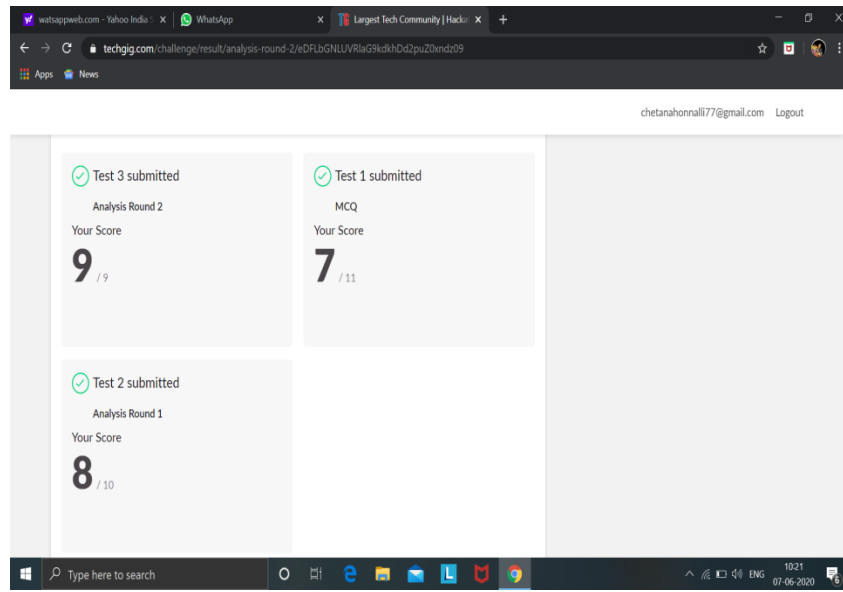


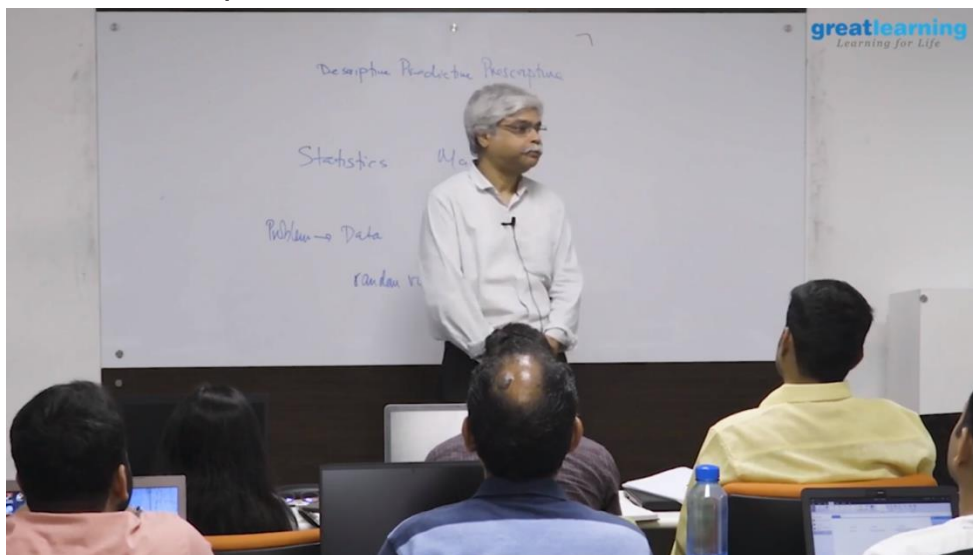
## DAILY ONLINE ACTIVITIES SUMMARY

Date:	7-06-2020		Name:	Chetana H
Sem & Sec	VI A		USN:	4AL17CS021
<b>Online Test Summary</b>				
Subject	SSCD TEST			
Max. Marks	30	Score	25	
<b>Certification Course Summary</b>				
Course	DATA SCIENCE WITH PYTHON			
Certificate Provider	GreatLearning	Duration	10.5hr	
<b>Coding Challenges</b>				
<b>Problem Statement:</b>  <b>1.</b> Using methods charAt() & length() of String class, write a program to print the frequency of each character in a string.  <b>2.</b> 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”.				
<b>Status: Completed, executed</b>				
Uploaded the report in Github			Yes	
If yes Repository name			<a href="https://github.com/chetana-H/certification-and-online-coding">https://github.com/chetana-H/certification-and-online-coding</a>	
Uploaded the report in slack			Yes	



## Online Certification Details

Modules completed: Cardio Good Fitness Case Study for Descriptive Statistics



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Cardio Good Fitness Case Study for Descriptive Statistics	15m <input checked="" type="radio"/>
Measures of Central Tendency	16m <input type="radio"/>
Measures of Dispersion	17m <input type="radio"/>
Understanding Distributions & Histograms	11m <input type="radio"/>
Box Plots	6m <input type="radio"/>
Summarizing Data	4m <input type="radio"/>

Type here to search

21:37 08-06-2020

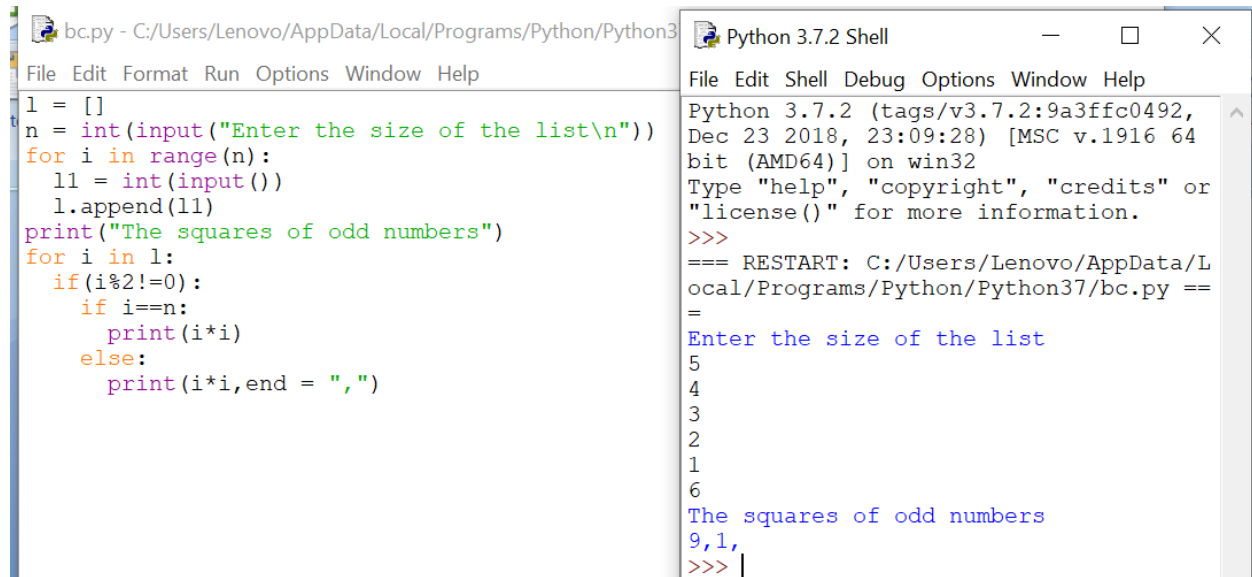
## Coding Challenge Details

### 1. Python program to count number of strings

```
bc.py - C:/Users/Lenovo/AppData/Local/Programs/Python/Python37/bc.py (3.7.2)
File Edit Format Run Options Window Help
l = []
c = 0
n = int(input("Enter the number of elements\n"))
print("Enter the elements\n")
for i in range(n):
    ll = str(input())
    l.append(ll)
for i in l:
    if i[0] == i[-1]:
        c = (c+1)
print("The number of strings 1st and last character same\n",c)
```

```
Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
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/bc.py ===
Enter the number of elements
3
Enter the elements
4
5
6
The number of strings 1st and last character same
3
>>> |
```

## 2. Python program to square each odd number in the list



The image shows a Python IDE with two windows. The left window, titled 'bc.py', contains a Python script. The right window, titled 'Python 3.7.2 Shell', shows the execution of the script. The script prompts the user to enter the size of the list, which is 5. It then prints the squares of odd numbers from 1 to 5, resulting in 1, 9, 25, 49, and 25.

```
bc.py - C:/Users/Lenovo/AppData/Local/Programs/Python/Python37
File Edit Format Run Options Window Help
l = []
n = int(input("Enter the size of the list\n"))
for i in range(n):
    l1 = int(input())
    l.append(l1)
print("The squares of odd numbers")
for i in l:
    if(i%2!=0):
        if i==n:
            print(i*i)
        else:
            print(i*i,end = ",")

Python 3.7.2 Shell
File Edit Shell Debug Options Window Help
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/bc.py ==
Enter the size of the list
5
4
3
2
1
6
The squares of odd numbers
9,1,
>>> |
```