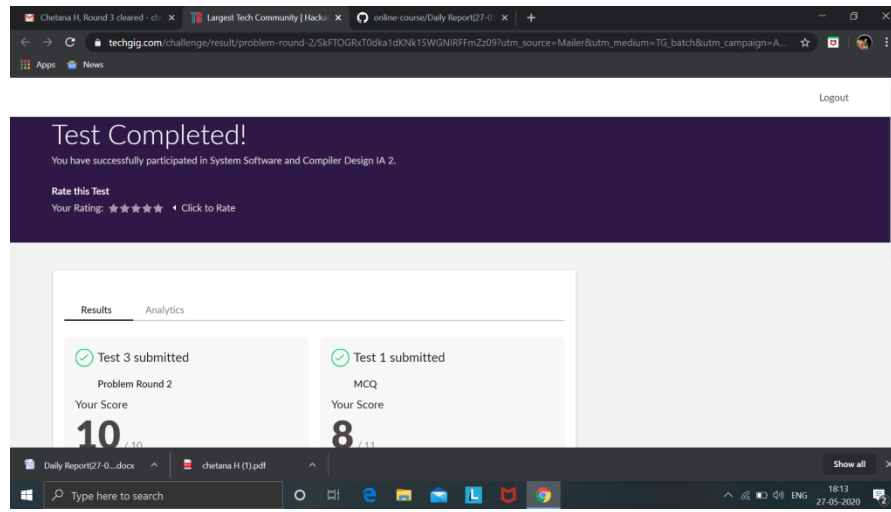


## DAILY ONLINE ACTIVITIES SUMMARY

Date:	27-05-2020	Name:	Chetana H
Sem & Sec	VI A	USN:	4AL17CS021
<b>Online Test Summary</b>			
Subject	SSCD IA Test		
Max. Marks	30	Score	21
<b>Certification Course Summary</b>			
Course	Python for Machine learning		
Certificate Provider	GreatLearning	Duration	5hr
<b>Coding Challenges</b>			
<b>Problem Statement:</b>  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".			
<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	



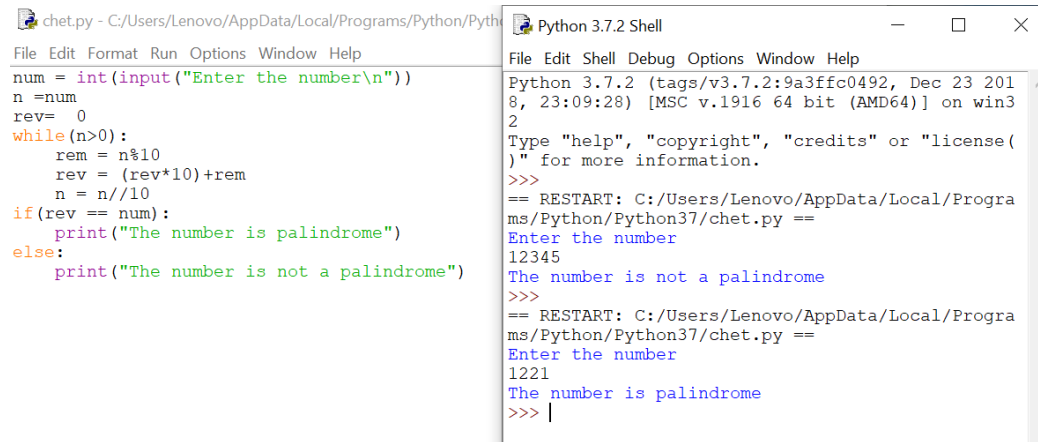
## Online Certification Details

Modules completed: Attempted quiz , claimed certificate



# Coding Challenge Details

## 1. Python program to check if a number is palindrome

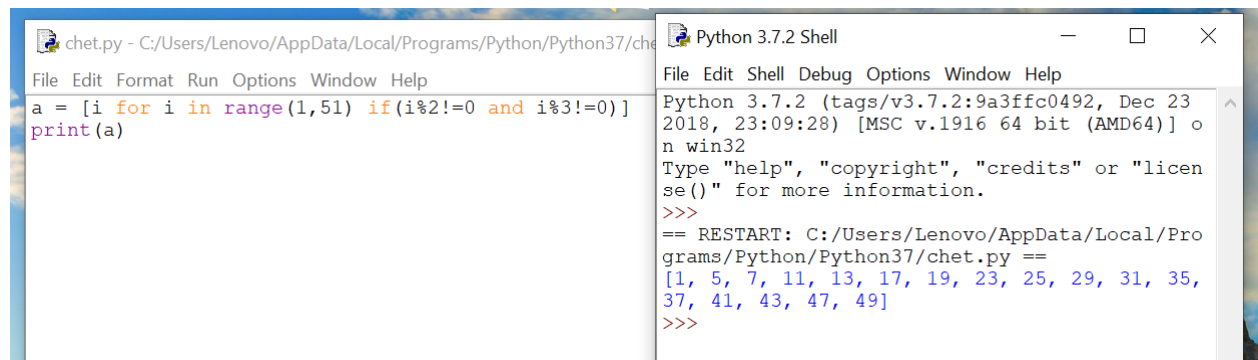


The screenshot shows a Python IDE window titled 'chet.py - C:/Users/Lenovo/AppData/Local/Programs/Python/Python37/chet.py' and a 'Python 3.7.2 Shell' window. The IDE contains a Python program to check if a number is a palindrome. The shell shows the program being executed twice: first with input '12345' resulting in 'The number is not a palindrome', and then with input '1221' resulting in 'The number is palindrome'.

```
num = int(input("Enter the number\n"))
n = num
rev = 0
while(n>0):
    rem = n%10
    rev = (rev*10)+rem
    n = n//10
if(rev == num):
    print("The number is palindrome")
else:
    print("The number is not a palindrome")
```

```
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/chet.py ==
Enter the number
12345
The number is not a palindrome
>>>
== RESTART: C:/Users/Lenovo/AppData/Local/Programs/Python/Python37/chet.py ==
Enter the number
1221
The number is palindrome
>>> |
```

## 2.. Python program to print all integers that aren't divisible either by 2 or 3 and lie between 1 and 50



The screenshot shows a Python IDE window titled 'chet.py - C:/Users/Lenovo/AppData/Local/Programs/Python/Python37/chet.py' and a 'Python 3.7.2 Shell' window. The IDE contains a Python program that prints all integers between 1 and 50 that are not divisible by 2 or 3. The shell shows the program being executed, resulting in the output: [1, 5, 7, 11, 13, 17, 19, 23, 25, 29, 31, 35, 37, 41, 43, 47, 49].

```
a = [i for i in range(1,51) if (i%2!=0 and i%3!=0)]
print(a)
```

```
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/chet.py ==
[1, 5, 7, 11, 13, 17, 19, 23, 25, 29, 31, 35, 37, 41, 43, 47, 49]
>>>
```

