

DAILY ONLINE ACTIVITIES SUMMARY

Date:	9-06-2020	Name:	Chetana H
Sem & Sec	VI A	USN:	4AL17CS021
Online Test Summary			
Subject	CGV TEST CNSC		
Max. Marks	30 60	Score	25 43
Certification Course Summary			
Course	DATA SCIENCE WITH PYTHON		
Certificate Provider	GreatLearning	Duration	10.5hr
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	

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docs.google.com/forms/d/e/1FAIpQLSfSGG4-8wSRRc_kpAuHqu5k87N796gdEd-ck1y42k9Gg/answerscore=AE0zAgCngHCRep3beJunGesPthkSKp...

CGV TEST

Total points 25/30

Mention your E-Mail Address, Name and USN without fail, otherwise your form will be rejected.
Choose the correct answer. Don't choose multiple answers.
Each question carries ONE mark and Maximum duration is 30 minutes.
Submission of more than one form is not allowed.
Submit the form before 10.00 AM, otherwise it will be rejected.

Email address *

chetanahonnali@gmail.com

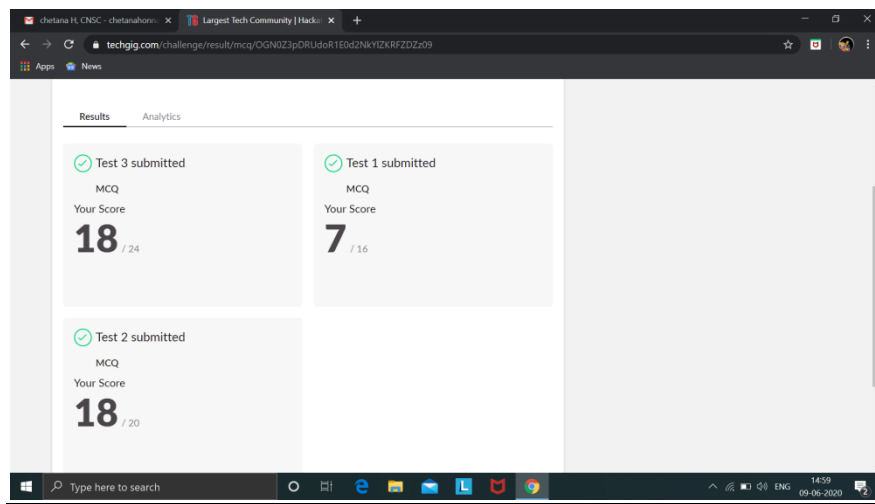
Name

chetana H

USN

Type here to search

10:00 09-06-2020



Online Certification Details

Modules completed: Measures of Dispersion

```

In [6]: mydata.describe(include="all")
Out[6]:

```

	Product	Age	Gender	Education	MaritalStatus	Usage	Fitness	Income	Miles
count	180	180.000000	180	180.000000	180	180.000000	180.000000	180.000000	180.000000
unique	3	NaN	2	NaN	2	NaN	NaN	NaN	NaN
top	TM1195	NaN	Male	NaN	Partnered	NaN	NaN	NaN	NaN
freq	80	NaN	104	NaN	107	NaN	NaN	NaN	NaN
mean	NaN	28.788089	NaN	15.572222	NaN	3.455556	3.311111	53719.577778	103.194444
std	NaN	6.943468	NaN	1.617055	NaN	1.084707	0.958869	16506.684226	51.863605
min	NaN	15.000000	NaN	12.000000	NaN	2.000000	1.000000	29562.000000	21.000000
25%	NaN	24.000000	NaN	14.000000	NaN	3.000000	3.000000	44058.750000	68.000000
50%	NaN	26.000000	NaN	16.000000	NaN	3.000000	3.000000	50598.500000	94.000000
75%	NaN	33.000000	NaN	16.000000	NaN	4.000000	4.000000	58668.000000	114.750000
max	NaN	50.000000	NaN	21.000000	NaN	7.000000	5.000000	104581.000000	360.000000

```

In [7]: mydata.info()
Out[7]:
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 180 entries, 0 to 179
Data columns (total 9 columns):
# >---->
Product      180 non-null object
Age          180 non-null float64
Gender       180 non-null object
Education    180 non-null float64
MaritalStatus 180 non-null object
Usage        180 non-null float64
Fitness      180 non-null float64
Income       180 non-null float64
Miles        180 non-null float64
dtypes: object(1), float64(8)
memory usage: 18.0 KB

```

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CONTENT ASSESSMENTS

Learning Videos

Video Title	Duration	Status
Introduction to the Course	2m	Completed
Basics of Statistics	12m	Completed
Descriptive Statistics	13m	Completed
Cardio Good Fitness Case Study for Descriptive Statistics	15m	Completed
Measures of Central Tendency	16m	Completed
Measures of Dispersion	17m	Completed

User Profile: chetana H, chetanahonnali77@gmail.com

Options: Certificates, Settings, Logout

Coding Challenge Details

1. Python Program to Check Whether a String is a Palindrome or not Using Recursion

The image shows a Python IDE with two windows. The left window, titled 'CV.py', contains the following code:

```
def isPalRec(st, s, e) :  
    if (s == e) :  
        return True  
    if (st[s] != st[e]) :  
        return False  
    if (s < e + 1) :  
        return isPalRec(st, s + 1, e - 1);  
    return True  
def isPalindrome(st):  
    n = len(st)  
    if (n == 0) :  
        return True  
  
    return isPalRec(st, 0, n - 1);  
st =str(input("enter the string"))  
if (isPalindrome(st)) :  
    print("Yes")  
else :  
    print("No")
```

The right window, titled 'Python 3.7.2 Shell', shows the program's execution:

```
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/CV.py ===  
enter the string chetu  
No  
>>>
```

2. Python Program to Reverse a String Using Recursion

The image shows a Python IDE with two windows. The left window, titled 'CV.py', contains the following code:

```
def reverse(str):  
    if len(str) == 0:  
        return str  
    else:  
        return reverse(str[1:]) + str[0]  
  
mystr =str(input("enter the sting"))  
print("The Given String is: ", mystr)  
print("Reversed String is: ", reverse(mystr))
```

The right window, titled 'Python 3.7.2 Shell', shows the program's execution:

```
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/CV.py ===  
enter the sting chetana is good girl  
The Given String is: chetana is good girl  
Reversed String is: lrig doog si anatehc  
>>>
```