

DAILY ONLINE ACTIVITIES SUMMARY

Date:	22/06/2020	Name:	Vishwas Acharya
Sem & Sec	8 th - A	USN:	4AL16CS002
Online Test Summary			
Subject	SMS		
Max. Marks		Score	
Certification Course Summary			
Course	The Data Science Course 2020:Complete Data Science Bootcamp		
Certificate Provider	Udemy	Duration	29hours
Coding Challenges			
Problem Statement: Python3 code to check if a given number is perfect or not Returns true if n is perfect			
Status: Executed			
Uploaded the report in Github		Yes	
If yes Repository name		vishwas_acharya	
Uploaded the report in slack		Yes	

Online Test Details:

Certification Course Details:



Udemy | The Data Science Course 2020: Complete Data Science Bootcamp

SO FAR...

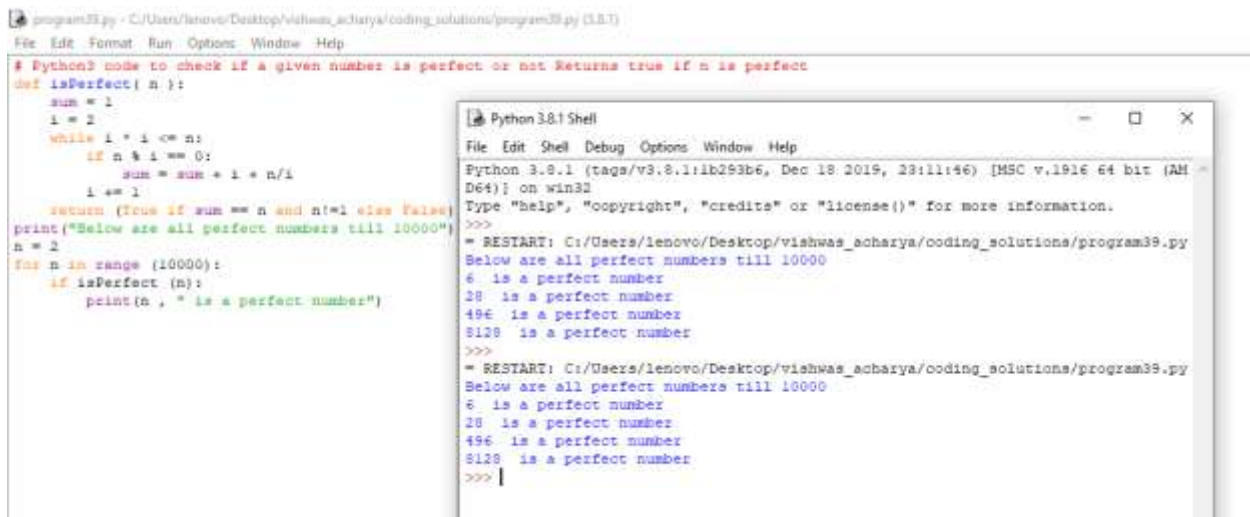
$\hat{y}_i = b_0 + b_1x_i$

Course content

- ☐ 200. A2: No Endogeneity (4 min)
- ☐ Quiz 119: A2: No Endogeneity
- ☐ 201. A3: Normality and Homoscedasticity (6 min)
- ☐ 202. A4: No Autocorrelation (4 min)
- ☐ Quiz 120: A4: No autocorrelation
- ☐ 203. A5: No Multicollinearity (3 min)
- ☐ Quiz 121: A5: No Multicollinearity
- ☐ 204. Dealing with Categorical Data - Dummy Variables (1 hour)

About this course

Coding Challenges Details:



```
Python 3.8.1 Shell
File Edit Shell Debug Options Window Help
Python 3.8.1 (tags/v3.8.1:ib293b6, Dec 18 2019, 23:11:46) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/lenovo/Desktop/vishwas_acharya/coding_solutions/program39.py
Below are all perfect numbers till 10000
6 is a perfect number
28 is a perfect number
496 is a perfect number
8128 is a perfect number
>>>
= RESTART: C:/Users/lenovo/Desktop/vishwas_acharya/coding_solutions/program39.py
Below are all perfect numbers till 10000
6 is a perfect number
28 is a perfect number
496 is a perfect number
8128 is a perfect number
>>>
```

```
program39.py - C:/Users/lenovo/Desktop/vishwas_acharya/coding_solutions/program39.py (3.8.1)
File Edit Format Run Options Window Help
# Python3 code to check if a given number is perfect or not Returns true if n is perfect
def isPerfect( n ):
    sum = 1
    i = 2
    while i * i <= n:
        if n % i == 0:
            sum = sum + i + n/i
            i += 1
    return (True if sum == n and n!=1 else False)
print("Below are all perfect numbers till 10000")
n = 2
for n in range (10000):
    if isPerfect( n):
        print(n , " is a perfect number")
```