

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	10-08-2020	<b>Name:</b>	Nanditha.R.Shetty
<b>Sem &amp; Sec</b>	6 <sup>th</sup> sem, 'A' sec	<b>USN:</b>	4AL17CS054
<b>Online Test Summary</b>			
<b>Subject</b>	--		
<b>Max. Marks</b>	-	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	Programming for Everybody (Getting Started with Python)		
<b>Certificate Provider</b>	Coursera	<b>Duration</b>	19hrs
<b>Coding Challenges</b>			
<b>Problem Statement: 1 python program</b>			
<b>Status: executed</b>			
<b>Uploaded the report in GitHub</b>		Yes	
<b>If yes Repository name</b>		<a href="https://github.com/nandithashetty/DAILY-STATUS">https://github.com/nandithashetty/DAILY-STATUS</a>	
<b>Uploaded the report in slack</b>		Yes	

## Online Certification Course Details:

Today I took Week 4 “Chapter 2 Assignment” quiz on this Course.

The screenshot shows a web browser window with the Coursera website. The address bar shows the URL: `coursera.org/learn/python/exam/TlsQ7/chapter-2/attempt?redirectToCover=true`. The page title is "Chapter 2" and it indicates "Graded Quiz • 30 min". The top right corner shows the due date: "Due Aug 24, 12:29 PM IST". The main content area displays a green banner with a checkmark and the text "Congratulations! You passed!" and "TO PASS 80% or higher". A blue button labeled "Keep Learning" is next to it. To the right, a box shows "GRADE 100%". Below this, the section "Chapter 2" is shown with "LATEST SUBMISSION GRADE 100%". Two quiz questions are visible, both marked as correct.

1. Which of the following is a comment in Python? 1 / 1 point

✓ Correct

2. What does the following code print out? 1 / 1 point

```
1 print("123" + "abc")
```

✓ Correct

## Coding Challenges Details:

### Program 1

Python Program to convert float decimal to Octal number

The screenshot shows a web browser window with an online Python compiler. The code in `main.py` defines a function `float_octal` that converts a float to an octal string with a specified number of decimal places. It also defines a `decimal_converter` function. The program prompts the user for a floating point value and the number of decimal places, then prints the result.

```
2 Welcome to GDB Online.
3 GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
4 C#, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
5 Code, Compile, Run and Debug online from anywhere in world.
6
7
8 ...
9 def float_octal(number, places = 3):
10     whole, dec = str(number).split(".")
11     whole = int(whole)
12     dec = int(dec)
13     res = oct(whole).lstrip("0o") + "."
14     for x in range(places):
15         whole, dec = str((decimal_converter(dec) * 8).split(".")[0])
16         dec = int(dec)
17         res += whole
18     return res
19
20 def decimal_converter(num):
21     while num > 1:
22         num /= 10
23     return num
24
25 #main
26 n = input("Enter your floating point value : \n")
27 p = int(input("Enter the number of decimal places of the result : \n"))
28 print(float_octal(n, places = p))
```

Input:

```
Enter your floating point value :
10.78
Enter the number of decimal places of the result :
4
12.6172

...Program finished with exit code 0
Press ENTER to exit console.
```

Refer GitHub for detailed Information:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/10-08-2020/ONLINE%20CODING>

This Report is also available in:

<https://github.com/nandithashetty/DAILY-STATUS/blob/master/10-08-2020/Daily-Report10-8-2020.pdf>