

DAILY ONLINE ACTIVITIES SUMMARY

Date:	21/05/2020	Name:	Madan G Gudigar
Sem & Sec	6 th /A	USN:	4AL17CS048
Online Test Summary			
Subject	OS IA Test		
Max. Marks	30	Score	30
Certification Course Summary			
Course	Web Development with Python and JavaScript		
Certificate Provider	Harvard University	Duration	12weeks
Coding Challenges			
Problem Statement: 1. Write a menu program in Python to find Area-Circle, Circumference-Circle, Area- Square, Circumference-Square using functions with menu choice Create separate functions for each choice of menu 2. Python program to print right angled triangle			
Status: Completed			
Uploaded the report in GitHub		Yes	
If yes Repository name		https://github.com/Madangudigar/online_coding	
Uploaded the report in slack		Yes	

Online Test Details

OS TEST Details:

The screenshot shows a web browser window with the URL `techgig.com/challenge/result/mcq/dm8xejU2VHRMYkZlbDQycU5XOCszQT09`. The page has a dark purple header with the text "Test Completed!" and "You have successfully participated in CSE-17CS64-OS-IA1." Below this, there is a "Rate this Test" section with a star rating and a "Click to Rate" link. The main content area is white and contains a "Results" tab. Under the "Results" tab, there is a green box with a checkmark icon, the text "MCQ", and "Your Score 30/30". At the bottom of the page, there is a black bar with the text "Please verify your internet connection and retry".

Online Certification Details

Lesson

- SQL

The screenshot shows a video player with a Python script being displayed. The script is as follows:

```
import sys
import os
import csv
import sqlite3

def create_engine(os.getenv('DATABASE_URL')):
    engine = scoped_session(sessionmaker(bind=engine))

def main():
    f = open("flights.csv")
    reader = csv.reader(f)
    for origin, destination, duration in reader:
        db.execute("INSERT INTO flights (origin, destination, duration) VALUES (%s, %s, %s)" % (origin, destination, duration))
        print(f"Added flight from {origin} to {destination} with duration {duration}")
    db.commit()

if __name__ == "__main__":
    main()
```

The video player shows a man speaking, and the video title is "Lesson 1: SQL (CS64) - Web Programming with Python".

Coding Challenge Details

1. Write a menu program in Python to find Area-Circle, Circumference-Circle, Area- Square, Circumference-Square using functions with menu choice
Create separate functions for each choice of menu

```
1 def arcir(r):
2     print("Area of circle = ", 3.14*r*r)
3 def crcir(r):
4     print("Circumference of circle = ", 2*3.14*r)
5 def arsq(s):
6     print("Area of square = ", s*s)
7 def crsq(s):
8     print("Circumference of square = ", 4*s)
9 print("Menu: \n")
10 print("1.Area of Circle\n")
11 print("2.Circumference of Circle\n")
12 print("3.Area of Square\n")
13 print("4.Circumference of Square\n")
14 ch = int(input("Enter your choice\n"))
15 if(ch==1):
16     r = int(input("Enter the radius\n"))
17     arcir(r)
18 if(ch==2):
19     r = int(input("Enter the radius\n"))
20     crcir(r)
21 if(ch==3):
22     s = int(input("Enter the side\n"))
23     arsq(s)
24 if(ch==4):
25     s = int(input("Enter the side\n"))
26     crsq(s)
27 if(ch>4 or ch<=0):
28     print("Invalid Choice")
29
```

<pre>× Terminal Menu: 1.Area of Circle 2.Circumference of Circle 3.Area of Square 4.Circumference of Square Enter your choice 1 Enter the radius 4 Area of circle = 50.24 cm² Process finished.</pre>	<pre>× Terminal Menu: 1.Area of Circle 2.Circumference of Circle 3.Area of Square 4.Circumference of Square Enter your choice 2 Enter the radius 4 Circumference of circle = 25.12 cm Process finished.</pre>
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<pre>× Terminal Menu: 1.Area of Circle 2.Circumference of Circle 3.Area of Square 4.Circumference of Square Enter your choice 3 Enter the side 6 Area of square = 36 cm² Process finished.</pre>	<pre>× Terminal Menu: 1.Area of Circle 2.Circumference of Circle 3.Area of Square 4.Circumference of Square Enter your choice 4 Enter the side 6 Circumference of square = 24 cm Process finished.</pre>	<pre>× Terminal Menu: 1.Area of Circle 2.Circumference of Circle 3.Area of Square 4.Circumference of Square Enter your choice 0 Invalid Choice Process finished.</pre>
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2. Python program to print right angled triangle.

```
1 n = int(input("Enter the number"))
2 for i in range(0,n+1):
3     for j in range(n-i,0,-1):
4         print(j,end=" ")
5     print("\r")
```

```
× Terminal
Enter the number7
7654321
654321
54321
4321
321
21
1

Process finished.
```