

DAILY ONLINE ACTIVITIES SUMMARY

Date:	21/05/2020	Name:	Kavana V
Sem & Sec	6th A	USN:	4AL17CS040
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/vgkavana/Online-coding-	
Uploaded the report in slack		Yes	

Online Test Details

OS TEST Details:

The screenshot displays a web browser window with the following details:

- Browser Tabs:** (17) WhatsApp, Largest Tech Community | Hack...
- Address Bar:** techgig.com/challenge/result/mcq/MGdJSXJS2xoUzB6c2pSdExfTXZ3QT09
- User Profile:** kavanagowda777@gmail.com, Logout
- Test Results Section:**
 - Test Completed!**
 - You have successfully participated in CSE-17CS64-OS-IA1.
 - Rate this Test**
 - Your Rating: ★★★★★ Click to Rate
- Results Card:**
 - Results** (selected) | Analytics
 - MCQ (with a green checkmark icon)
 - Your Score **30** / 30

Online Certification Details

Lesson

- SQL



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

```

Terminal	Terminal
<pre> 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> 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>

<pre>x 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>x 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>x 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")
```

```
x Terminal
Enter the number7
7654321
654321
54321
4321
321
21
1
Process finished.
```