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Worksheet 1.3

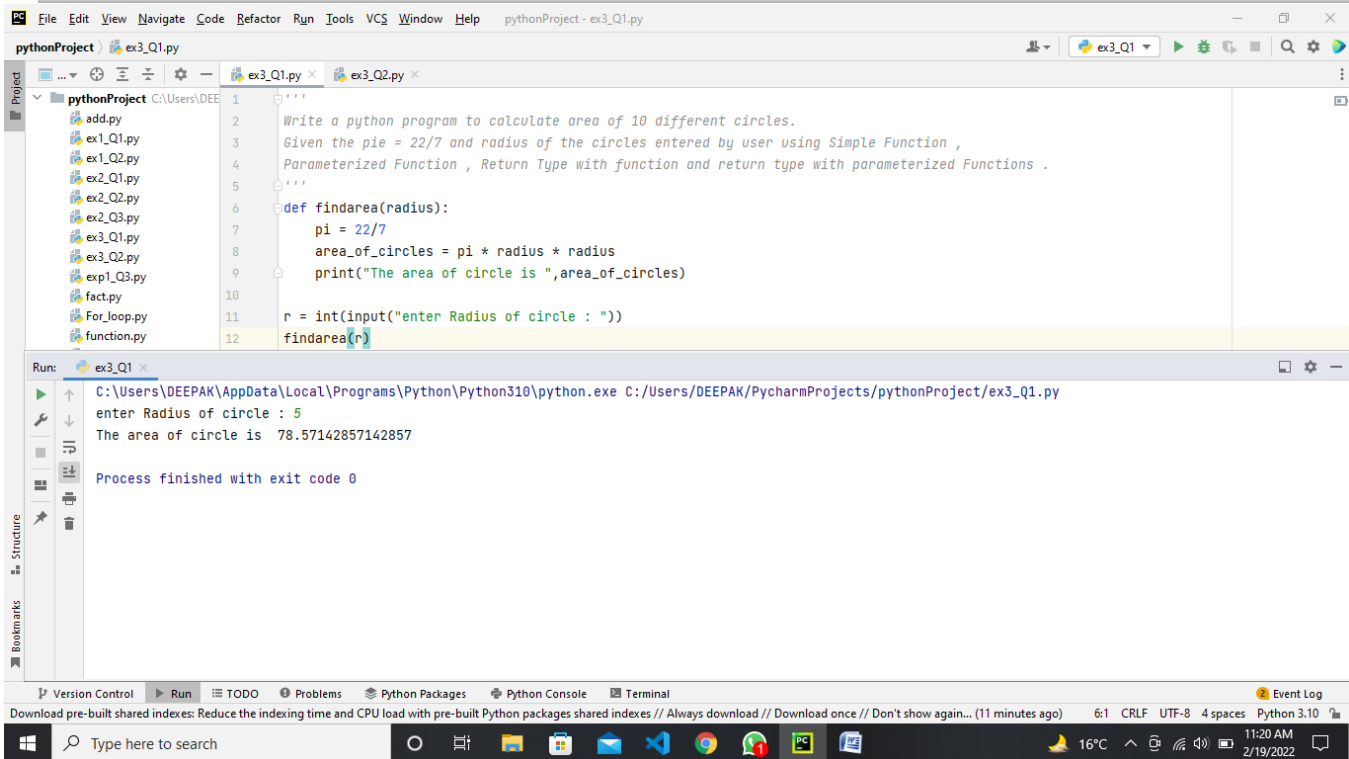|	
Student Name:	UID
Branch: CSE	Section/Group :
Semester: 4rd	Date of Performance:
Subject Name : Python Lab	

Q1. Write a python program to calculate area of 10 different circles.Given the pie = 22/7 and radius of the circles entered by user using Simple Function ,Parameterized Function , Return Type with function and return type with parameterized Functions .

Code:

```
def findarea(radius):
    pi = 22/7
    area_of_circles = pi * radius * radius
    print("The area of circle is ",area_of_circles)

r = int(input("enter Radius of circle : "))
findarea(r)
```

Output:=

```
'''
Write a python program to calculate area of 10 different circles.
Given the pie = 22/7 and radius of the circles entered by user using Simple Function ,
Parameterized Function , Return Type with function and return type with parameterized Functions .
'''
def findarea(radius):
    pi = 22/7
    area_of_circles = pi * radius * radius
    print("The area of circle is ",area_of_circles)

r = int(input("enter Radius of circle : "))
findarea(r)
```
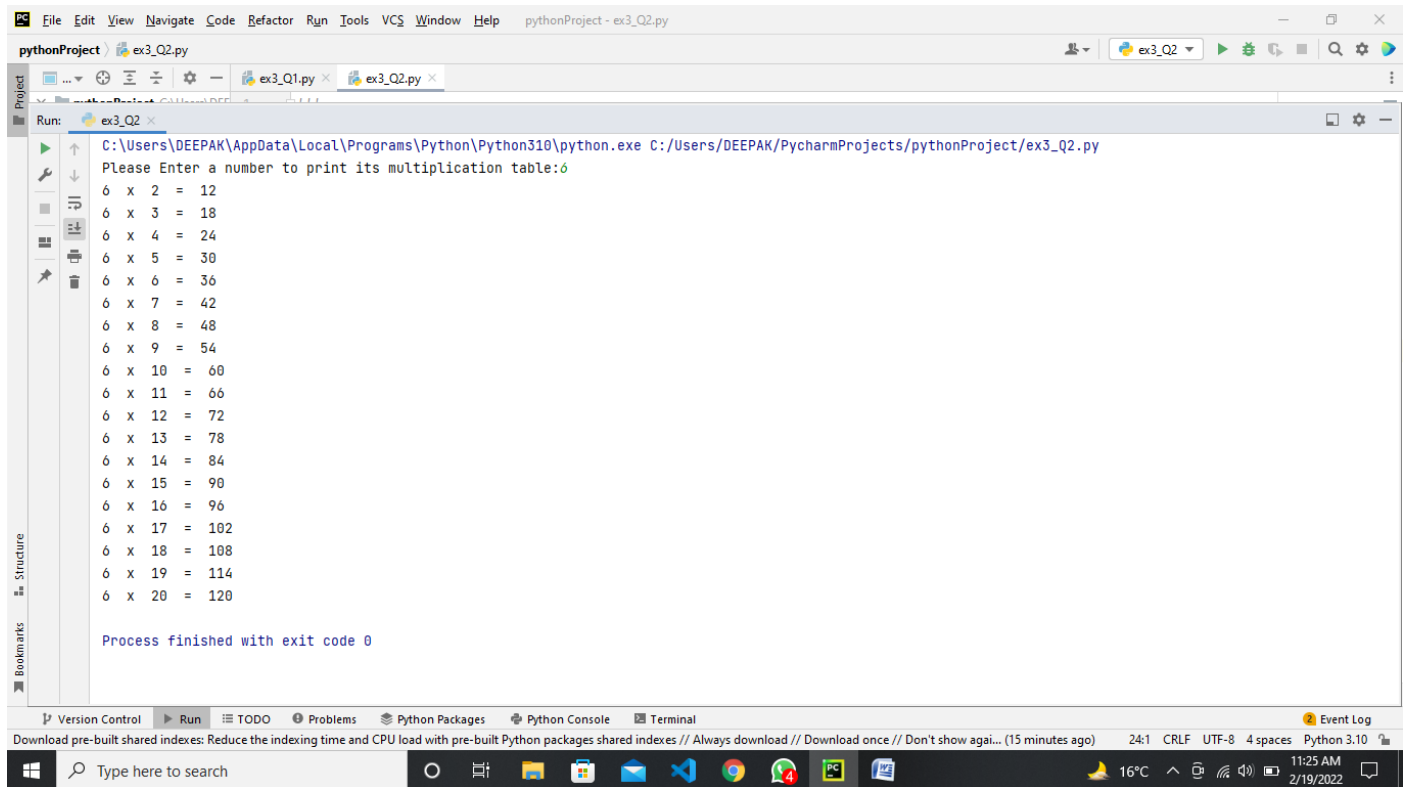
```
C:\Users\DEEPAK\AppData\Local\Programs\Python\Python310\python.exe C:/Users/DEEPAK/PycharmProjects/pythonProject/ex3_Q1.py
enter Radius of circle : 5
The area of circle is  78.57142857142857

Process finished with exit code 0
```

Q2 Write a python program to print Multiplication tables from 2 to 20 whether table values entered by user using Simple Function ,Parameterized Function , Return Type with function and return type with parameterized Functions

Code:

```
def print_table(num):
    """ This function prints multiplication table of a
    given number"""
    for i in range(2,21):
        print(num,' x ', i, ' = ',num*i)
# end of function table
# input a number
n = int(input("Please Enter a number to print its
 multiplication table:"))
print_table(n)
```

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Output:-