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**COURSE:DATA SCIENCE**

## **ASSIGNMENT #01**

### **QUESTION#01:**

#### **CODE:**

```
print("Q:01 Write a python program to print the given string in specific format?")
print("Answer :")
print('Twinkle, twinkle, little star,')
print('        How i Wonder what you are')
print('                Up above the world so high,')
print('                Like a diamond in the sky.')
print('Twinkle, twinkle, little star,')
print('        How i Wonder what you are')
```

#### **OUTPUT:**

```
Q:01 Write a python program to print the given string in specific format?
Answer :
Twinkle, twinkle, little star,
        How i Wonder what you are
                Up above the world so high,
                Like a diamond in the sky.
Twinkle, twinkle, little star,
        How i Wonder what you are
```

### **QUESTION#02:**

#### **CODE:**

```
print("Q:02 Write a python program to get the python version you are using?")
print("Answer :")
import sys
print(sys.version)
```

#### **OUTPUT:**

```
Q:02 Write a python program to get the python version you are using?
Answer :
```

3.7.12 (default, Sep 10 2021, 00:21:48)  
[GCC 7.5.0]

### QUESTION#03:

#### CODE:

```
from datetime import datetime
print("Q:03 Write a python program to display the current d
ate and time?")
print("Answer :")

current_datetime =datetime.now()
print("current_datetime:", current_datetime)
```

#### OUTPUT:

```
Q:03 Write a python program to display the current date and time?
Answer :
current_datetime: 2022-01-02 09:49:58.384636
```

### QUESTION#04:

#### CODE:

```
print("Q:04 Write a python program which accept the radius
of a circle from the user and compute the area?")
print("Answer :")
r = float(input('radius of a circle:'))
import math
frml = math.pi* r **2    #pi=22/7
print('area of a circle:' , frml)
```

#### OUTPUT:

```
Q:04 Write a python program which accept the radius of a circle from the
user and compute the area?
Answer :
radius of a circle:4.5
area of a circle: 63.61725123519331
```

### QUESTION#05:

#### CODE:

```
print("Q:5 Write a python program which accepts the user's  
first and last name and print them in revers order with spa  
ce between them?")  
print("Answer :")  
name_1 = input('first name: ')  
name_2 = input('last name: ')  
print('name:' , name_2 + ' ' + name_1)
```

**OUTPUT:** Q:5 Write a python program which accepts the user's first and last name and print them in revers order with space between them?

```
Answer :  
first name: Muhammad  
last name: Hamza  
name: Hamza Muhammad
```

## QUESTION#06:

### CODE:

```
print("Q:6 Write a python program which takes two input fro  
m user and print them addition?")  
print("Answer :")  
n1=int(input('First number'))  
n2=int(input('second number'))  
print('addition:' , n1+n2)
```

### OUTPUT:

```
Q:6 Write a python program which takes two input from user and print them  
addition?  
Answer :  
First number666  
second number777  
addition: 1443
```