JAWAN PAKISTAN
Assignment 1

Submitted By: Wajiha Fatima

Course: Data Science

Dated: 01-Jan-2022

Questions

1. Write a Python program to print the following string in a specific format (see the output).

   > 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

2. Write a Python program to get the Python version you are using
3. Write a Python program to display the current date and time.
4. Write a Python program which accepts the radius of a circle from the user and compute the area.
5. Write a Python program which accepts the user's first and last name and print them in reverse order with a space between them.
6. Write a python program which takes two inputs from user and print them addition

Question 1

Program and output:

```
print("Twinkle, twinkle, little star, \n\tHow I wonder what you are! \n\t\tUp ab
ove the world so high, \n\t\tLike a diamond in the sky. \nTwinkle, twinkle, litt
le star, \n\tHow I wonder what you are!")
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 2

Program and output:

```
import sys
print("Python version")
Python version
print (sys.version)
3.10.1 (tags/v3.10.1:2cd268a, Dec  6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)]
```

Question 3

Program and output:

```
import datetime
x = datetime.datetime.now()
print("Today's date and time: ",x)
Today's date and time:  2022-01-01 21:53:10.726976
```

Question 4

Program and output:

```
import math
radius=int(input("Enter the radius: "))
Enter the radius: 3
area=math.pi*pow(radius, 2)
print("The area of circle with radius ",radius," is ",area)
The area of circle with radius  3  is  28.274333882308138
```

Question 5

Program and output:

```
fname=input("Enter your first name: ")
Enter your first name: Wajiha
lname=input("Enter your last name: ")
Enter your last name: Fatima
rfname=fname[::-1]
rlname=lname[::-1]
print(rfname,"",rlname)
ahijaW  amitaF
|
```

Question 6

Program:

```
num1=int(input("Enter num 1: "))
num2=int(input("Enter num 2: "))
sum= num1+num2
print("Sum of num1 and num1:",num1 + num2)
```