

In [10]: *#1. Write a Python program to print the following string in a specific format (see the output).*

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

In [11]: *#2. Write a Python program to get the Python version you are using.*

```
import sys  
  
print("Python version")  
print (sys.version)  
print("Version info.")  
print (sys.version_info)
```

```
Python version  
3.7.4 (default, Aug  9 2019, 18:22:51) [MSC v.1915 32 bit (Intel)]  
Version info.  
sys.version_info(major=3, minor=7, micro=4, releaselevel='final', serial=0)
```

In [24]: *#3. Write a Python program to display the current date and time.*

```
import datetime  
  
now = datetime.datetime.now()  
print ("Current Date and Time : " + " " + (now.strftime("%m-%d-%Y %H:%M:%S")))
```

```
Current Date and Time : 11-04-2019 03:40:27
```

In [7]: *#4. Write a Python program which accepts the radius of a circle from the user and compute the area.*

```
x=input("Enter radius of a circle ")
r=int(x)
a=3.14*r**2
print("Area of circle is", a)
```

Enter radius of a circle 4
Area of circle is 50.24

In [8]: *#How to reduce code?
#I'm gonna reduce the radius of a circle code ;)*

```
print("Area of circle is", 3.14*int(input("Enter radius of a circle "))**2)
```

Enter radius of a circle 4
Area of circle is 50.24

In [19]: *#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.*

```
FirstName=input("Type your first name here : ")
LastName=input("Type your last name here : ")
print ("Hello " + LastName + " " + FirstName + "!")
```

Type your first name here : Shezi
Type your last name here : Asghar
Hello Asghar Shezi!

In [20]: *#6. Write a python program which takes two inputs from user and print them addition.*

```
num1 = input('Enter first number: ')
num2 = input('Enter second number: ')
sum = float(num1) + float(num2)
print('The sum of {0} and {1} is {2}'.format(num1, num2, sum))
```

Enter first number: 23
Enter second number: 27
The sum of 23 and 27 is 50.0