Q.1 Python version you are using

Soln:

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

Q2. Write a Program to Print.

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

Soln:

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!")

Q. 3 Program to accepts the user's first and last name and print them in reverse

Soln:

```
fname = input("Input your First Name : ")
Iname = input("Input your Last Name : ")
print ("Hello " + Iname + " " + fname)
```

Q. 4 Write a Python program to display the first and last colors from the following list.

color_list = ["Red", "Green", "White", "Black"]

```
Soln:
```

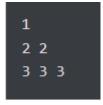
Q, 5 Write a Python program to compute the product of a list of integers (without using for loop).

Soln:

- 1. import math
- 2. nums = [10, 20, 30,]
- 3. **print** ("\nProduct of the List of Numbers:", **math.prod(nums)**)

OR

- 3 nums_product = reduce ((lambda x, y: x * y), nums)
- 4. print("\nProduct of the said numbers (without using for loop):", nums_product)
- Q. 6 Print the following number pattern using Python range () and a loop.



Soln:

for num in range(4):

```
for i in range(num):
    print(num, end=' ')
print ()
```