

Practical Workbook
Introduction To Data Science



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Lab # 2

Task 1. Write a Python program to print the following string in a specific format (see the output). [Go to the editor](#)

Sample String :

"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"

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
```

Code:

```
In [1]: # Task 01  
  
print("Twinkle, twinkle, little star, \n\tHow I wonder what you are! \n\t\tUp above the world so high,  
<   
    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!")
```

Task 2. Write a Python program to get the Python version you are using.

Code:

```
In [3]: # Task 02

import platform
print("Python Version is : ",platform.python_version())

Python Version is : 3.7.0
```

Task 3. Write a Python program which accepts a sequence of comma-separated numbers from user and generate a list and a tuple with those numbers.

Sample data : 3, 5, 7, 23

Output :

List : ['3', '5', '7', '23']

Tuple : ('3', '5', '7', '23')

Code:

```
In [5]: # Task 03

x = input("Input some comma seperated numbers : ")
list1 = x.split(",")
tuple1 = tuple(list1)
print('List : ',list1)
print('Tuple : ',tuple1)

Input some comma seperated numbers : 3,5,7,23
List :  ['3', '5', '7', '23']
Tuple :  ('3', '5', '7', '23')
```