Assignment-1: Warm-up with python

1. Write a command to get the Python version you are using.

   To get python version in command line we can use command –
   python –version

   ```
   C:\Users\mohit>python --version
   Python 3.9.12

   C:\Users\mohit>
   ```

2. Write a python script to print Hello Python on the screen directly in the command line.

   Python script to print **Hello Python** would be –

   ```
   C:\Users\mohit>python
   Python 3.9.12 (main, Apr  4 2022, 05:22:27) [MSC v.1916 64 bit (AMD64)] :: Anaconda, Inc. on win32

   Warning:
   This Python interpreter is in a conda environment, but the environment has
   not been activated.  Libraries may fail to load.  To activate this environment
   please see https://conda.io/activation

   Type "help", "copyright", "credits" or "license" for more information.
   >>> print("Hello Python")
   Hello Python
   >>>
   ```

3. Write a python script and store it in a file and execute the file from the command line.
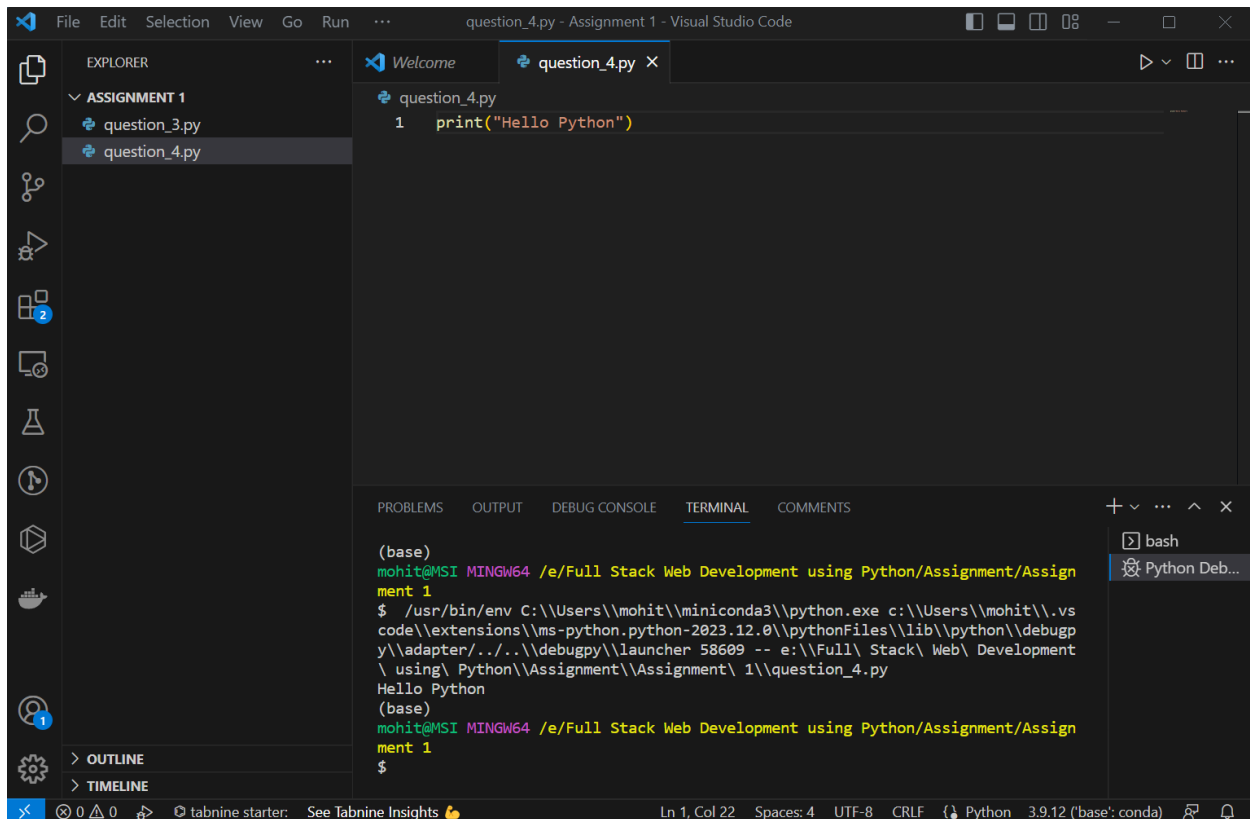
   Python script in the file will be –

   ```python
   name = "Deepak"
   print("My name is", name)
   ```

   Execution of this python code file in command line will be as –

   ```
   E:\Full Stack Web Development using Python\Assignment\Assignment 1>python question_3.py
   My name is Deepak

   E:\Full Stack Web Development using Python\Assignment\Assignment 1>
   ```

4. Write a python script to print Hello Python on the screen using visual studio code.

5. Write a python script to print Hello on the first line and Python on the second line.

Script to execute the assigned task will be –

```python
a = "Hello"
b = "Python"
print(a, b, sep = '\n')
```

Output –

```
= RESTART: E:/Full Stack Web Development using Python/Assignment/Assignment 1/qu
estion_5.py
Hello
Python
>>>
```

6. Write a python script to print "MySirG" on the screen.

Script to execute the assigned task will be –

```python
print("MySirG")
```

Output –

```
= RESTART: E:/Full Stack Web Development using Python/Assignment/
Assignment 1/question_6.py
MySirG
>>>
```

7. Write a python script to print "Teacher's Day" on the screen.

Script to execute the assigned task will be –

```
print("Teacher's Day")
```

Output –

```
= RESTART: E:/Full Stack Web Development using Python/Assignment/
Assignment 1/question_7.py
Teacher's Day
>>>
```

8. Write a python script to print the value of a variable. Variable contains your name as data.

Script to execute the assigned task will be –

```
name = "Deepak Jangid"
print(name)
```

Output –

```
= RESTART: E:/Full Stack Web Development using Python/Assignment/
Assignment 1/question_8.py
Deepak Jangid
>>>
```

9. Write a python script to create variables to store your name, age, qualification, years of experience and print it.

Script to execute the assigned task will be –

```
name = "Deepak Jangid"
age = 23
qualification = "B.Tech. in Computer Science"
years_of_experience = 0
print("Name is",name)
print("My age is", age)
print("My highest qualification is", qualification)
print("I have", years_of_experience, "years of experience")
```

Output –

```
= RESTART: E:/Full Stack Web Development using Python/Assignment/
Assignment 1/question_9.py
Name is Deepak Jangid
My age is 23
My highest qualification is B.Tech. in Computer Science
I have 0 years of experience
>>>
```

10. Write a python script to print values of three variables, each in a new line. Variable contains integer values.

Script to execute the assigned task will be –

```
n1 = 2
n2 = 4
n3 = 6
print(n1, n2, n3, sep = '\n')
```

Output –

```
= RESTART: E:/Full Stack Web Development using Python/Assignment/
Assignment 1/question_10.py
2
4
6
>>>
```