

Assignment-1: Warm-up with python

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

```
C:\Users\Kheral.aditya>python
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
```

- Simply we have to write python in the command prompt and we get the version that version we installed.

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

```
C:\Users\Kheral.aditya>python
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> print("Hello")
Hello
>>>
```

- print("Hello") is the code we use.

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

```
C:\Users\Kheral.aditya\Desktop\Aditya_Main\Python>demo
hello
```

- To enter the folder we have write cd / in command prompt

```
C:\Users\Kheral.aditya>cd /
C:\>cd\Users\Kheral.aditya\Desktop\Aditya_Main\Python
C:\Users\Kheral.aditya\Desktop\Aditya_Main\Python>Demo
C:\Users\Kheral.aditya\Desktop\Aditya_Main\Python>demo
hello
```

- As above picture after that we are using the location where we have store the file.
- Easily write the name of the python file which we want to execute.

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

- print("Hello") is the line of code which I am storing in Demo.py
- for more reference see the below image.

```
File Edit Selection View Go Run Terminal Help Demo.py - Python - Visual Studio Code
EXPLORER
PYTHON
  Assignment-1
    Demo.py
Demo.py
1 print('hello')
[Running] python -u "c:\Users\Kheral.aditya\Desktop\Aditya_Main\Python\DEMO.py"
hello
[Done] exited with code=0 in 0.613 seconds
```

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

```
Demo.py
Demo.py
1 print('hello')
2 print('python')
```

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

```
Demo.py
1 print('MySirG')
```

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

```
Demo.py
1 print('Teacher's Day')
[Running] python -u "c:\Users\Kheral.aditya\Desktop\Aditya_Main\Python\DEMO.py"
Teacher's Day
```

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

```
Demo.py > ...
1  a = "Aditya"
2  print(a)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

[Running] python -u "c:\Users\Kheral.aditya\Desktop\Aditya_Main\Python\DEMO.py"

Aditya

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

```
Demo.py > ...
1  name = "Aditya "
2  age = 24
3  qualification = "B.tech(ECE)"
4  experience = "2 year"
5  print(name)
6  print(age)
7  print(qualification)
8  print(experience)
```

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[Running] python -u "c:\Users\Kheral.aditya\Desktop\Aditya_Main\Python\DEMO.py"

Aditya
24
B.tech(ECE)
2 year

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

🔗 Demo.py > ...

```
1  a = 10
2  b = 20
3  c = 30
4  print(a)
5  print(b)
6  print(c)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

JUPYTER

[Running] python -u "c:\Users\Kheral.aditya\Desktop\Aditya_Main\Python\DEMO.py"

10

20

30