**Worksheet Python Basics**

Attempt the following questions in Jupyter Notebook

1. A name that is used to denote something or a value is called a variable. In python, variables can be declared and values can be assigned to it as follows  
  
x = 2

y = 5

xy = 'Hey'  
print (x+y, xy)  
  
Output:

|  |
| --- |
| 7 Hey |

2. The **print** statement can be used in the following different ways :

- print "Hello World"

- print "Hello", <Variable Containing the String>

- print "Hello" + <Variable Containing the String>

- print "Hello %s" % <variable containing the string>

Code:  
print("""My name is Rajath Kumar M.P.

I love Python.""")  
  
Output:

|  |
| --- |
| My name is Rajath Kumar M.P.  I love Python. |

Code:  
string1 = 'World'

print('Hello', string1)

string2 = '!'

print('Hello', string1, string2)  
  
  
Output:

|  |
| --- |
| Hello World  Hello World ! |

Code:  
print('Hello' + string1 + string2)  
  
  
Output:

|  |
| --- |
| Error: string1 and string2 not define.  If we use previous code and add this code then output will be:-  Hello World  Hello World !  HelloWorld! |

Code:  
print("Jan\nFeb\nMar\nApr\nMay\nJun\nJul\nAug")  
  
Output:

|  |
| --- |
| Jun  Jul  Aug |

Code:  
print("I want \\n to be printed.")  
  
Output:

|  |
| --- |
| I want \n to be printed. |

Code:

x = 10

print(type(x))

s = 'abc'

print(type(s))

value= True  
print(type(value))

percent=90.00  
type(percent)  
  
  
Output:

|  |
| --- |
| <class 'int'>  <class 'str'>  <class 'bool'> |