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:

```
HelloWorld!
```

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

Output:

```
Jan
Feb
Mar
Apr
May
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'>
```