



PGP in Data Science | May 2021

Assignment 1

| 29th May 2021

For any doubts regarding the assignment, ask questions in the [Data Science Group](#) in the Community.

Submit assignments in [Your Classroom](#).

Attempt the following questions in Jupyter Notebook

Question 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

Question 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
```



PGP in Data Science | May 2021

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'>
```



PGP in Data Science | May 2021 **FAQs**

Q. How to upload a jupyter notebook as a part of an assignment?

- A. Click the "File" option in the notebook.
- B. Go to "Download As" -> "Notebook(.ipynb)".
- C. Upload the downloaded .ipynb file to GitHub and share the link in the google form.
- D. How to submit Assignments: <https://youtu.be/dPKpXVZrVTs>

Q. How do I submit the Assignments?

- A. You can use Jupyter Notebook or python files or even Google Colab to Solve your Assignments

Q. Where do I get class links for the next session?

- A. All sessions will be Live on the Learning Management System and Zoom. It will be also updated in the Community Group in the pinned post.

Q. I have some doubt, who do I ask?

- A. (a) Post your Queries on the community, someone will help you out.

Q. *Sir don't have an anaconda so how can I solve the assignment?*

- A. Use Google Colab: [Click me](#)

Q. Can we submit multiple .py or .ipynb assignment solution files for each question separately?

- A. Solve all assignments for a day in a single notebook. Make sure you are submitting a single file.