In [2]:
```
print("Hello World")
```

```
Hello World
```

In [ ]:
```
#Commenting in python
#single Line Commenting
"""This is for multi line commenting"""

```

Literate Programming

- It is a combination of both coding and documentation

Jupyter notebook

Markdown Formats

- Order list
  1. Item 1
  2. Item 2
     - Subitem 1
     - Subitem 2
  3. Item 3

Python Basics

Keywords In python

Variables/literals in python

In [4]:
```
# Keywords In python
import keyword

print(keyword.kwlist)
print(len(keyword.kwlist))
```

```
['False', 'None', 'True', 'and', 'as', 'assert', 'async', 'await', 'break', 'cl
ass', 'continue', 'def', 'del', 'elif', 'else', 'except', 'finally', 'for', 'fr
om', 'global', 'if', 'import', 'in', 'is', 'lambda', 'nonlocal', 'not', 'or',
'pass', 'raise', 'return', 'try', 'while', 'with', 'yield']
35
```

In [2]:
```
#pyhon variables
#data types
#     int,float,str
#         list,set,tuple
#int a=4
a=9
print(type(a))
a=5.7
print(type(a))
s="apssdc"
print(type(s))
```

```
<class 'int'>
<class 'float'>
<class 'str'>
```

In [10]:
```
b=6
c=3
b+c
```

Out[10]: 9

In [4]:
```
x,y,z=10,20,40
x*z
```

Out[4]: 400

In [5]:
```
y-z
```

Out[5]: -20

In [6]:
```
a=6
b=3
print("addition of a and b is ",a+b)
```

```
addition of a and b is  9
```

In [8]:
```
1 print("addition of ",a," and ",  b, "is ",a+b)
```

```
addition of  6  and  3 is  9
```

In [ ]:
```
1
```