

```
In [2]: 1 print("Hello World")
```

Hello World

```
In [ ]: 1 #Commenting in python
2 #single Line Commenting
3 """This is for multi line commenting"""
4
```

## 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



**Workshop on**  
**Problem Solving skills using Python Phase-I&II**  
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**Organized by**  
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**in association with**  
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#### Python Basics

##### *Keywords In python*

##### *Variables/literals in python*

```
In [4]: 1 # Keywords In python
        2 import keyword
        3
        4 print(keyword.kwlist)
        5 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]: 1 #pyhon variables
        2 #data types
        3 #      int,float,str
        4 #      list,set,tuple
        5 #int a=4
        6 a=9
        7 print(type(a))
        8 a=5.7
        9 print(type(a))
       10 s="apssdc"
       11 print(type(s))
```

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

```
In [10]: 1 b=6
         2 c=3
         3 b+c
```

Out[10]: 9

```
In [4]: 1 x,y,z=10,20,40
        2 x*z
```

Out[4]: 400

```
In [5]: 1 y-z
```

Out[5]: -20

```
In [6]: 1 a=6
        2 b=3
        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
```