

Print Statements

```
In [4]: a=10      # only takes last assigned value
        b=20

        a
        b
```

Out[4]: 20

```
In [5]: print(a)
        print(b)
```

10
20

```
In [6]: print(10)
        print(10,20)
        print('Python')
        print(10,20,'Python')
```

10
10 20
Python
10 20 Python

```
In [7]: c=a+b
        print(c)
```

30

```
In [12]: n1=20
         n2=30
         add=n1+n2
         print('The addition of', n1, 'and', n2,'is =',add)
```

The addition of 20 and 30 is = 50

```
In [16]: name = 'Python'
         age  =25
         city = 'hyd'

         print('Hello, my name is',name,'and i am',age,'years old from',city)
```

Hello, my name is Python and i am 25 years old from hyd

```
In [ ]:
```

```
In [ ]:
```

Print format method

```
In [19]: n1=25
         n2=35
         add=n1+n2

         print('The addition of {} and {} is = {}'.format(n1,n2,add))
```

The addition of 25 and 35 is = 60

In []:

```
In [20]: print('Hello, my name is {}, and i am {} years old from {}'.format(name,age,city))
```

Hello, my name is Python, and i am 25 years old from hyd

In []:

```
In [27]: a1=75
         a2=46
         a3=79

         avg=(a1+a2+a3)/3

         avg1=round((a1+a2+a3)/3,2)  # round off values upto 2digits after decimal

         print('The average of {}, {} and {} is = {} or {}'.format(a1,a2,a3,avg,avg1))
```

The average of 75, 46 and 79 is = 66.66666666666667 or 66.67

In []:

In []:

f string method

```
In [30]: print(f'The average of {a1} , {a2} and {a3} is = {avg}')

         # here print(f, )    not print( )
```

The average of 75 , 46 and 79 is = 66.66666666666667

In []:

```
In [33]: print(f'Hello my name is {name} and i am {age} years old from {city}')

         # here print(f, )    not print( )
```

Hello my name is Python and i am 25 years old from hyd

In []:

```
In [38]: b1 = 10
         b2 = 20
         b3 = 30
         add = b1+b2+b3
```

```
print('The addition of', b1, b2, 'and', b3, 'is =', add)
print('The addition of {},{} and {} is = {}'.format(b1,b2,b3,add))
print(f'The addition of {b1},{b2} and {b3} is = {add}')
```

The addition of 10 20 and 30 is = 60

The addition of 10,20 and 30 is = 60

The addition of 10,20 and 30 is = 60

In []:

End statement

```
In [39]: print('Hello')
        print('Good morning')
```

Hello

Good morning

```
In [42]: print('Hello',end=' ')    # adding one string to another to make a line or statement
        print('Good morning')
```

Hello Good morning

In []:

Seperator

```
In [43]: print('Hello','Hi','How are you')
```

Hello Hi How are you

```
In [49]: print('Hello','Hi','How are you',sep='--->')

        print('Hello','Hi','How are you',sep=' & ')

        print('Hello','Hi','How are you',sep=' and ')

        print('Hello','Hi','How are you',sep=' @ ')
        # seperating strings with given argument
```

Hello--->Hi--->How are you

Hello & Hi & How are you

Hello and Hi and How are you

Hello @ Hi @ How are you

In []:

```
In [50]: print(3, '.')
```

3 .

```
In [53]: print(3, '.',sep='')
```

```
# sep also used to bring far arguments near
```

3.

In []:

End and sep combination

```
In [64]: print(1,2,end=' ')
          print(3, '.',sep='')
```

1 2 3.

In []: