

```
In [1]: #default argument
def s1(x,y=200):
    print("Value of X is:",x)
    print("Value of Y is:",y)
s1(10)
s1(10,20)
```

Value of X is: 10
Value of Y is: 200
Value of X is: 10
Value of Y is: 20

```
In [2]: #keyword argument
def s1(*name):
    print("Name is:",name[0],name[1],name[2],name[3])
s1('AAA','BBB','CCC','DDD')
```

Name is: AAA BBB CCC DDD

```
In [5]: #positional argument
def s1(id,name):
    print("Emp ID is:",id)
    print("Emp Name is:",name)
s1(101,"Sanjeev")
```

Emp ID is: 101
Emp Name is: Sanjeev

```
In [6]: #keyword argument
def s1(id,name):
    print("Emp ID is:",id)
    print("Emp Name is:",name)
s1(id=101,name="Sanjeev")
```

Emp ID is: 101
Emp Name is: Sanjeev

```
In [7]: #keyword&positional argument
def s1(id,name,sal):
    print("Emp ID is:",id)
    print("Emp Name is:",name)
    print("Emp Salary is :",sal)
s1(101,name="Sanjeev",sal="12000")
```

Emp ID is: 101
Emp Name is: Sanjeev
Emp Salary is : 12000

```
In [9]: #pass by value
def a1(int):
    int+=100
    print("Inside Function Call",int)
int=100
print("Before Call Function:",int)
a1(int)
print("After Call Function",int)
```

Before Call Function: 100
Inside Function Call 200
After Call Function 100

```
In [10]: #pass by reference
def a1(a):
    a.append('100')
    print("Inside Function Call",a)
a=[10]
print("Before Call Function:",a)
a1(a)
print("After Call Function",a)
```

Before Call Function: [10]
Inside Function Call [10, '100']
After Call Function [10, '100']

```
In [ ]:
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