

```
In [15]: def add(a,b):#4 # formal parameters
          print(a+b) #5
          x=10 #1
          y=20 #2
          add(x,y)# 3  x,y are actual parameters

30
```

```
In [2]: def add(a,b):#4 # formal parameters
          print(a+b) #5
          x=10 #1
          y=20 #2
          print(add(x,y))# 3  x,y are actual parameters

30
None
```

```
In [3]: def add(a,b):#4 # formal parameters
          print(a+b) #5
          return(a+b)# 6
          x=10 #1
          y=20 #2
          print(add(x,y))# 3  x,y are actual parameters

30
30
```

```
In [4]: def add(a,b):#4 # formal parameters
          return(a+b)# 5
          print(a+b) # Not executed
          x=10 #1
          y=20 #2
          print(add(x,y))# 3  x,y are actual parameters

30
```

```
In [7]: def info(a,b=200):
          print("a= ",a)
          print("b= ",b)
          info(10,20)
          info(100)

a= 10
b= 20
a= 100
b= 200
```

```
In [9]: a,*b=10,20,30,40
          print(b)

[20, 30, 40]
```

```
In [11]: # variable Lenth argument
          def info(a,*b):
              print(b)
          info(100,200,300,400)

(200, 300, 400)
```

In [14]: `def info(name,no_of_seats=100,*marks):
 print(name,no_of_seats,marks)`

```
#info("John",350,21)  
#info("john")  
#info("john",100,21,46)  
#all the above
```

john 100 (21, 46)

In []: