

mandatory args

optional args

def foo(x, y, z=3):  
 return x + y + z

foo(1, 2, 4)

7

foo(1, 2)

6

foo(x=1, y=2)

6

```
def foo(*, x, y, z=3):  
    return x + y + z
```

```
# ...
```

```
foo(1, 2)
```

```
Traceback (most recent call last):
```

```
  File "<stdin>", line 1, in <module>
```

```
TypeError: foo() takes 0 positional  
arguments but 2 were given
```