In [3]:
```
def greet():
    print('hello')
    print('good morning')
```

In [5]:
```
def greet():
    print('hello')
    print('good morning')
greet()
```

```
hello
good morning
```

In [7]:
```
def greet():
    print('hello')
    print('good morning')
greet()

def greet():
    print('hello')
    print('good morning')
greet()
```

```
hello
good morning
hello
good morning
```

In [9]:
```
def greet():
    print('hello')
    print('good morning')
greet()

print('******************')

greet()

print('############')
```

```
hello
good morning
******************
hello
good morning
############
```

In [11]:
```
def add(x,y):
    c=x+y
    print(c)
add(5)
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[11], line 4
      2     c=x+y
      3     print(c)
----> 4 add(5)

TypeError: add() missing 1 required positional argument: 'y'
```

In [13]:
```
def add(x,y):
    c=x+y
    print(c)
add(5,6,7,8)
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[13], line 4
      2     c=x+y
      3     print(c)
----> 4 add(5,6,7,8)

TypeError: add() takes 2 positional arguments but 4 were given
```

In [15]:
```
def add(x,y):
    c=x+y
    print(c)
add(5,'a')
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[15], line 4
      2     c=x+y
      3     print(c)
----> 4 add(5,'a')

Cell In[15], line 2, in add(x, y)
      1 def add(x,y):
----> 2     c=x+y
      3     print(c)

TypeError: unsupported operand type(s) for +: 'int' and 'str'
```

In [17]:
```
def add(x,y):
    c=x+y
    print(c)
add(5,4)
```

```
9
```

In [19]:
```
def greet():
    print('hello')
    print('good morning')
greet()

def add(x,y):
    c=x+y
```

```
    print(c)
add(5,4)
```

```
hello
good morning
9
```

In [21]:
```
def greet():
    print('hello')
    print('good morning')
def add(x,y):
    c=x+y
    print(c)

greet()
print('-----')
add(5,4)
```

```
hello
good morning
-----
9
```

In [23]:
```
def add(x,y,z):
    c=x+y+z
    print(c)
add(1,4,5)
```

```
10
```

In [25]:
```
def add(x,y):
    c=x+y
    return c
add(5,4)
```

Out[25]: 9

In [27]:
```
def greet():
    print('hello')
    print('good noon')

def add(x,y):
    c=x+y
    return c

def sub(x,y):
    d = x-y
    return d

greet()
add(5,4)
sub(10,2)
```

```
hello
good noon
```

Out[27]: 8

In [29]:
```
def greet():
    print('hello')
    print('good noon')

def add_sub(x,y):
    c=x+y
    d=x-y
    return c,d

greet()
add_sub(5,4)
```

```
hello
good noon
```

Out[29]: (9, 1)

In [31]:
```
def add_sub(x,y): # what if i want to return 2 values add_sub & i want to return 2
    c= x+y
    d= x-y
    return c, d

result = add_sub(4,5)

print(result)
print(type(result))
```

```
(9, -1)
<class 'tuple'>
```

In [33]:
```
def add_sub(x,y): # what if i want to return 2 values add_sub & i want to return 2
    c= x+y
    d= x-y
    return c, d

result = add_sub(4,5)

print(result)
print(type(result))
```

```
(9, -1)
<class 'tuple'>
```

In [ ]: