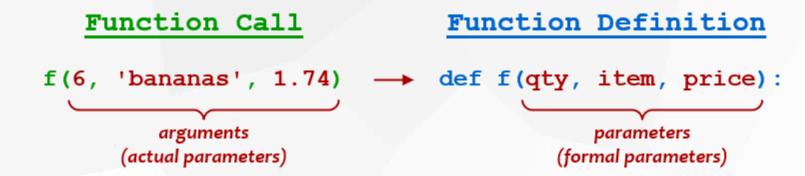
## **Functions**

- A functions performs a specific task
- The interface of a function:
  - >Input arguments
  - > Returned values
- The parameters given in the function definition are referred to as *formal parameters*, and the arguments in the function call are referred to as *actual parameters*:



## **Functions**

• Any data types of parameter (*string*, *number*, *list*, *dictionary etc*.) can be passed to a function, and it will be treated as the same data type inside the function

banana

cherry

```
def my_function(food):
    food=food.capitalize()
    print(food)
fruits="apple"
my_function(fruits)
```

Apple

```
def my_function(food):
    for x in food:
        print(x)

fruits=["apple", "banana", "cherry"]

my_function(fruits)
```