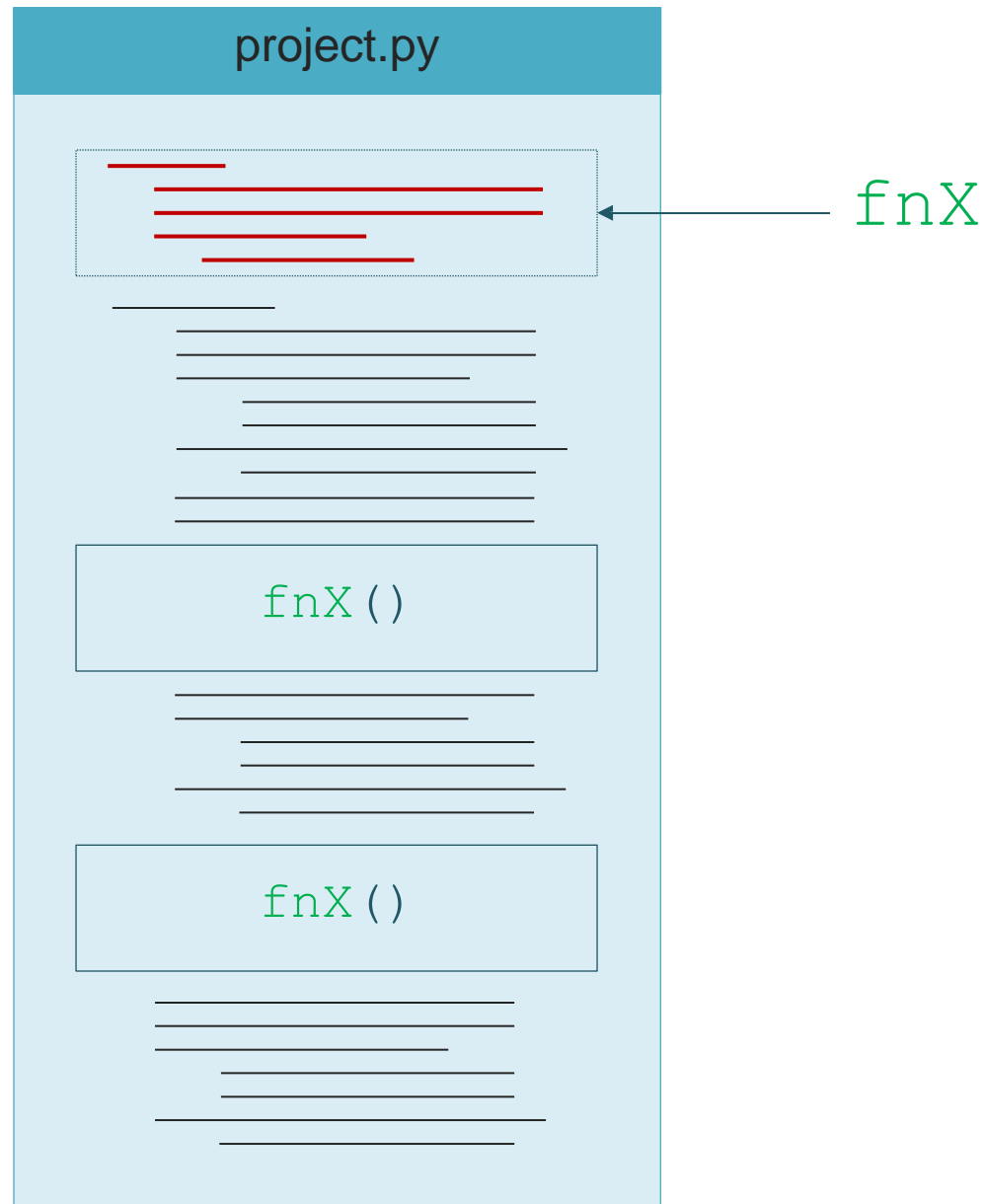


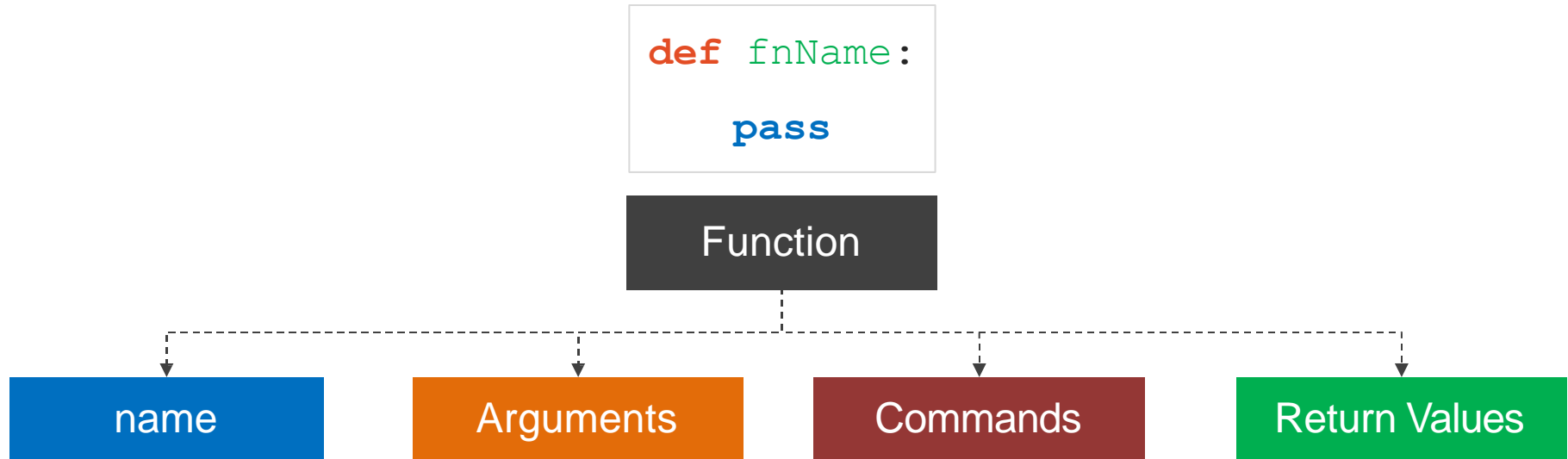
# Functions

*Make your code more generic*





# Defining



```
def measureTemp ( temp ) :
    if temp < 37:
        return "Too Cold"
    elif temp > 37:
        return "Too Hot"
    return "Normal"
```

```
measureTemp(37)
# "Normal"
```



# Default Arguments

```
def doSum(x, y = 2, z = 3):  
    sum = x + y + z  
    print(sum)
```

## Calling It

```
doSum(2)                # output: 7  
doSum(2, 4)              # output: 9  
doSum(2, 4, 10)          # output: 16
```



# \*arguments

```
def doSum(*args):  
    sum = 0  
    for i in args:  
        sum += i;  
    print(sum)
```

## Calling It

```
doSum(2, 6)           # output: 8
```

```
doSum(2, 4, 5, 15)    # output: 26
```



# \*\*kwargs

```
def doSum (**kwargs) :  
    for k in kwargs:  
        print (kwargs [k] )
```

## Calling It

---

```
doSum(x = 2, y = 26)      # output: 2  
                           26
```

