

Methods - Mid Level

Set a default value to a method

On some occasions we can create a method, without knowing whether some value would surely be inserted to it.

In that case, a smart thing is to use a default value for that method

Example

```
def my_function(country = "Canada"):
    print("I am from " + country)
```

```
my_function("Italy")
my_function()
my_function("Germany")
```

output ->

```
I am from Italy
I am from Canada
I am from Germany
```

How to return a variable out of a method ?

We know already that method can receive a variable / collection into it from the execution line.

But, a method can also return a value back to the module level.

Lets he how :

Example:

```
def my_function(x):  
    return 5 * x
```

```
number = my_function(3)  
print(number)
```

output-> 15

1. Method is being executed as always

2. Method returns a value at the end (5 * x). We can assign the 'return' value to a variable.
In the example : 'number'