

Sistemas Informáticos (Computer Systems)

# Scripting in Python 01.

## Activities 01

---



Authors: Sergi García, Alfredo Oltra

Updated September 2022



## SCRIPTING IN PYTHON - PART 01

### 1. EXERCISE 01

Create a single program that shows in console “Hello World from IES Serra Perenxisa!”.

### 2. EXERCISE 02

Create a variable called “myName” and store your name in it. Print a sentence saying “Hello my name is” and you have to concatenate value of “myName”. For instance, if “myName” value is “Victor”, you will print “Hello my name is Victor”.

### 3. EXERCISE 03

Using `myNumber = int(input('Enter an integer: '))` you can read an integer in variable “myNumber”.

Create a program that reads an integer and show you: that integer, that integer raised to the power of 2 and that integer raised to the power of 3.

For example, if you read integer 3, the program must show:

Number: 3, Pow 2: 9, Pow 3: 27.

### 4. EXERCISE 04

Create a program that reads two integers and shows in one line their addition and their subtraction. For example, if you read integers 3 and 4, the program must show:

Addition: 7, Subtraction: -1.

### 5. EXERCISE 05

Create a program that shows in the screen:

This is the line number 1.

This is the line number 2.

This is the line number 3.

You have to use only one time “print” function.

### 6. EXERCISE 06

Create a program that shows in the screen: “Hi! I’m studying Python.”

### 7. EXERCISE 07

Repeat the exercise number 5 in a different way ;)

Remember: you have to use only one time “print” function.

### 8. EXERCISE 08

Repeat the exercise number 6 but using only single quotes ;)

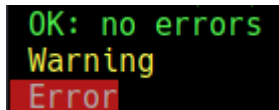
## 9. EXERCISE 09

Modify exercise 3 so that the number to be printed has at least 3 characters.

For example: if the user introduces 5 it will have to show 005, if it introduces 45 it will show 045 or if it introduces 2456 it will show 2456.

## 10. EXERCISE 10

Create a program that shows three lines in three different colours. For example:



```
OK: no errors
Warning
Error
```