Sistemas Informáticos (Computer Systems)

Scripting in Python 01. Activities 01

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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 the 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 ;)
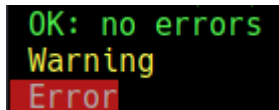
9. Exercise 09

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 the user introduces "45" it will show "045" or if the user introduces "2456" it will show "2456".

10. Exercise 10

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