

PYTHON - PART 1 - ACTIVITIES

Computer systems
CFGS DAW

Sergio García / Alfredo Oltra
sergio.garcia@ceedcv.es
alfredo.oltra@ceedcv.es
2019/2020

Versión:190922.2335

Licencia



Reconocimiento - NoComercial - CompartirIgual (by-nc-sa): No se permite un uso comercial de la obra original ni de las posibles obras derivadas, la distribución de las cuales se debe hacer con una licencia igual a la que regula la obra original.

Nomenclatura

A lo largo de este tema se utilizarán distintos símbolos para distinguir elementos importantes dentro del contenido. Estos símbolos son:

🔗 Actividad opcional. Normalmente hace referencia a un contenido que se ha comentado en la documentación por encima o que no se ha hecho, pero es interesante que el alumno investigue y practique.

👁️ Atención. Hace referencia a un tipo de actividad donde los alumnos suelen cometer equivocaciones.

PYTHON - PART 1 - ACTIVITIES

1. ACTIVITIES

(1) Create a single program that shows *Hello World from CEEDCV!*.

(2) 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` is *Victor*, you will print *Hello my name is Victor*.

(3) 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, program must show `Number: 3, pow 2: 9, pow 3: 27`.

(4) 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, program must show `Addition: 7, subtraction: -1`.

(5) 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 `print` function.

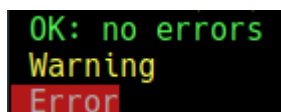
(6) 🐞 Create a program that shows in the screen: `Hi! I'm studying Python`.

(7) ⚠️ Repeat the exercise number 5 in a different way. Remember: you have to use only one `print` function.

(8) ⚠️ Repeat the exercise number 6 but using only single quotes.

(9) ⚠️ 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) ⚠️ Create a program that shows three lines in three different colors. For example:



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