

Sistemas Informáticos (Computer Systems)

Scripting in Python 01. Guide



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SCRIPTING IN PYTHON - PART 01 - GUIDE

1. WHAT TO DO?

In order to learn Python, we will follow free Python Book “A byte of Python”. It is a free book that is available here, <https://python.swaroopch.com/>.

Also, the complete book is available in PDF format in our Virtual Classroom (section resources).

In each part, we will do a little PDF with only relevant pages of our guide book. In this unit, that document will be “**A byte of Python – Part 1**”. Read it carefully, test every example and ask questions in our forum :)

Before reading it, we recommend you to read this guide completely.

2. INSTALLING PYTHON

Our book show you how to install Python (is very easy, specially on Linux systems).

On Ubuntu distribution or derivatives (Lubuntu, Mint, etc.), you can install it simply with command:

`sudo apt-get install -y python3 python3-pip`

If you use Windows, you can install it downloading it from <https://www.python.org/downloads/> or installing it from Microsoft Store

<https://apps.microsoft.com/store/detail/python-39/9P7QFQMJRFP7?hl=es-es&gl=es>

3. WHAT ENVIRONMENT DO YOU RECOMMEND?

A byte of Python book recommends environment **PyCharm**. It is available in from JetBrains. It is a useful environment, but we recommend to use **Visual Studio Code** and install plugin for Python. You can obtain Visual Studio Code from Visual Studio Code from <https://code.visualstudio.com/>.

In this video tutorial, <https://youtu.be/23tzKPBxpO8>, you can watch how to set up Visual Studio Code with Python 3.

4. I HAVE FINISHED READING “A BYTE OF PYTHON – PART 1”. WHAT SHOULD I DO NEXT?

We have provided several non-assessable activities. They are available in Python Part 1 – Activities file. You should try to solve them and ask doubts in forums. When unit 2 finishes, we will publish solutions with comments.