

RE04: 02/11/2020

Master in Informatics and Computing Engineering
Programming Fundamentals
Instance: 2020/2021

Practical work #4 :: Week of 02/11/2020

Prerequisites

The student should prepare himself beforehand, for the following:

- Lecture of Monday (LE07):
 - read the [class plan](#) and work with the [Notebook 07](#) (Strings)
- Lecture Thursday (LE08):
 - read the [class plan](#) and work with the [Notebook 08](#) (Tuples)
- Assignment of the week (RE04):
 - read the relevant bibliography of [LE05](#) (Functions) and of [LE06](#) (Fruitful functions),
 - go to the playground of the week (Py04), and try the easy exercises (1 star) and the medium exercises (2 stars) at [Play](#)

Tasks

1. Get the assignment of the week at **Test**¹⁾
2. Start answering the exercises of the week assignment using **Spyder3**
3. Test your solutions to the exercises using **Test**
4. At the deadline, when the time expires, you are NOT allowed to make any more changes on your answers
5. **Test** will submit later, in Moodle, a zip with your answers and you can check your grade in the *gradebook*
6. Advanced students may have a look at an optional, not graded, challenge at **Moodle** > Extra Work > CH02

Materials

- Guido van Rossum et. al., *The **Python Library Reference** Release 3.8.6*, September 27, 2020, available in [\[PDF\]](#)
- FPRO lectures' **Notebooks**, available at [FPRO's public repository](#)
- FPRO **Test** to test & submit, available at [FPRO's App](#)²⁾
- FPRO **Play** to play at the playground the playground, available at [FPRO's App](#)³⁾
- FPRO **Moodle** to see extra work, *CH02: Conway's Game of Life*, available at [Moodle.up.pt](#)

Summary

- Working with functions. Function with arguments and return values. Boolean functions.

— *FPRO, 2020/21*

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1) , 2) , 3)

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