

# RE07: 30/11/2020

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

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## Practical work #7 :: Week of 30/11/2020

### Prerequisites

The student should prepare himself beforehand, for the following:

- Lecture of Monday (LE13):
  - read the [class plan](#) and work with the [Notebook 13](#) (Recursion)
- Lecture Thursday (LE14):
  - read the [class plan](#) and work with the [Notebook 14](#) (More recursion)
- Assignment of the week (RE07):
  - read the relevant bibliography of [LE11](#) (Dictionaries) and of [LE12](#) (Sets),
  - go to the playground of the week (Py07), 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**<sup>1)</sup>
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*

### 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](#)<sup>2)</sup>
- FPRO **Play** to play at the playground the playground, available at [FPRO's App](#)<sup>3)</sup>

## Summary

- Working with Dictionaries. Operations on Dictionaries. Methods available for dictionary objects.  
Working with Sets. Operations on Sets. Methods available for set objects.

— FPRO, 2020/21

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