## VG101 — Introduction to Computer and Programming

*Worksheet (chapter 3)*
Manuel — UM-JI (Fall 2018)

**Worksheet concept**

- Simple exercises based on the slides
- Optional personal work
- No submission, no grading
- Only refer to websites in English

**Ex. 1 —** *Slide questions*
Ensure you can answer all the questions appearing in chapter 3.

**Ex. 2 —** *Reading*
Read Matlab documentation for the following functions: `save`, `load`, `(s|f)printf`, `rand`, `fopen`, `fclose`, `randperm`.

**Ex. 3 —** *Algorithm*
Solve the problem 3.13 using an alternative algorithm and different Matlab functions.

**Ex. 4 —** *Recursion*
1. Implement the algorithm on slide 3.20.
2. Implement the algorithm on slide 3.21.