**Instructions for running exercises**

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* All the running exercises in this course require you to write Python programs.
* In Running exercises I and II, you are not required to write reports describing the programs.
* In Running exercise III, you are required to write a 3-4 pages report (one per group) describing your results and solution to the question.
* You are required to document (following the format that you received) and comment all your codes.
* We strongly recommend that you start by writing this comment section before you begin to write the code.
* When commenting on your code, the guideline is that a person who does not know python should follow your work through the comments.

**Backups and Version management**

Part of keeping good documentation is knowing which script **version** you are working on. Make regular backups and store them in three locations (computer’s HD, an external USB, and google drive) and document each version of your script so that you will know what it can and cannot do in case you need to go back to an older version.

Do not be the students whose computer crashed, their file was accidentally erased or lost, they lost all the work a minute before the deadline, or they just submitted the wrong version.

**Rules for the assignments**

There are a few rules for the running exercises:

* The three running exercises are **mandatory**; you need to get a passing gradeon **each** of them to pass the entire course (60).
* For some exercises, there are sample input and output (result) files. When running your Python program, you should get similar or identical the same results.
* Before you hand in the exercises, make sure that:
  1. The program contains a documented and commented program header.
  2. The program is executable with the correct input and output filenames.
  3. The program runs without errors and warnings.
  4. The program contains a list of known bugs.
  5. The program is robust (it does not crash upon execution, and users cannot crash it).
* You should submit your assignment through Canvas, as specified in the assignment. It is, of course, allowed (and even recommended) to have discussion with other students concerning the assignments. **It is not allowed to copy code from another student or dictate how to write the code**.
* Have fun!