

L3 – CS – Semester 6 (2025/2026)

Lab N°1: Python basics

- Input/Output
 - print
 - input
- Variables
- If statement
- Loops (for, while)
- Lists
 - Create lists
 - Browse, insert, remove, append
- Dictionaries
 - Create dicts
 - Browse, insert, remove, append
 - Save to json file
- Arrays
 - numpy
 - 1D, 2D, 3D arrays
- Files
 - Create a json file
 - Load data form a json file
- Methods
 - def, return
 - decorator
- Classes
 - `__init__` method (constructor)
 - instantiation