



# Computer aided simulations *labs: laboratories*

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# Organization [reminder]

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- The course mixes lectures, problem solving and activities on the computer
- Lab activities
  - What we intend with lab activities is the design, coding, experimenting of simulations with your computer
  - Work will be individual
  - Discussions, brainstorming, problem solving among students are welcome
  - Simulations will be developed in python



# Labs [reminder]

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- “bring/use your own laptop” mode
  - just needed a python interpreter/IDE
    - jupyter notebook, PyCharm, Visual Studio Code, etc.
  - linux-like OS is recommended, but not required
- attending introductory classes before each lab is recommended
  - lab hours are aimed at implementing the solution, not at discussing the problem



# Plagiarism [reminder]

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- plagiarism is a crime in Italy (law n. 475/1925)
  - [https://didattica.polito.it/regolamenti/reg\\_studenti\\_en.html](https://didattica.polito.it/regolamenti/reg_studenti_en.html) (art.10)
- antiplagiarism check
  - we use some state-of-art antiplagiarism software for the code
    - we need the python source files, not other files (e.g., jupyter notebook) to check the code
  - plagiarism → fail (for both helper and beneficiary)



# Exam

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- Examination
  - Lab reports (30%)
  - Bonus points for homeworks (20% )
  - Oral discussion (50%)
  - You have to deliver all Lab reports: otherwise they will be not evaluated



# Deadlines

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- lab reports by 10 days after the assignment
  - evaluated through peergrading but final evaluation by the professor
- minilab homeworks
  - evaluated through peergrading, but **not** for the exam
    - feedback propedeutic for lab reports
    - delivery by one week after assignement
- penalty for the students unable to follow the above schedule



# Peergrading

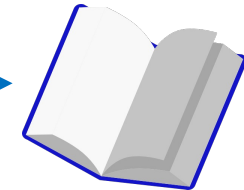
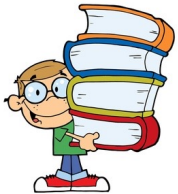
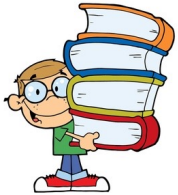
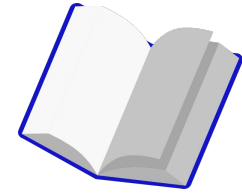
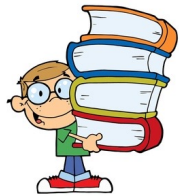
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- 20% bonus points for the peergrading
  - (1) deliver homeworks and (2) evaluate your peers
  - evaluated just the effort and the quality of the feedback

# Submission

Student

Homework

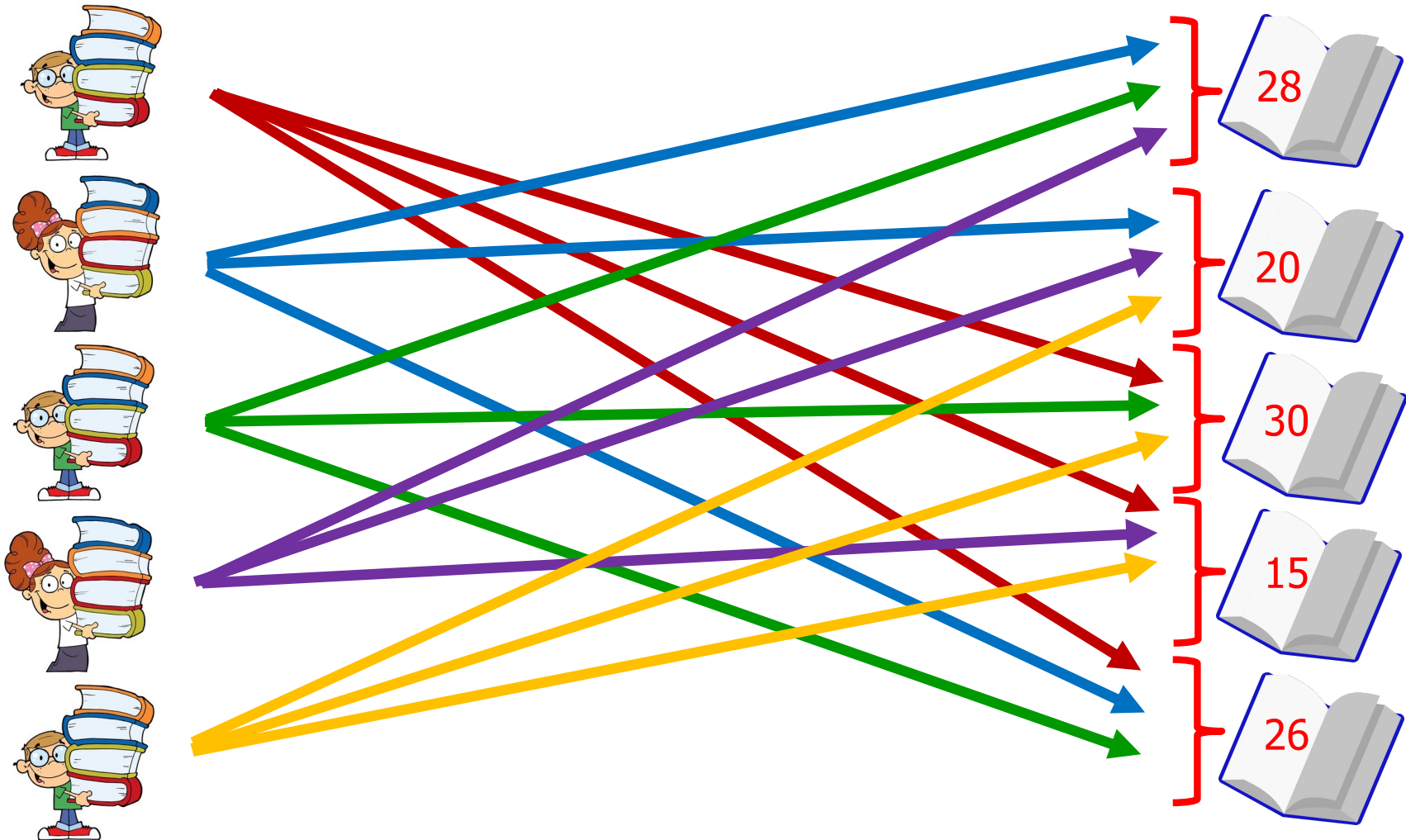


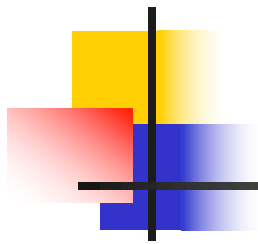


# Evaluation

Student

Homework





# Peergrading evaluation

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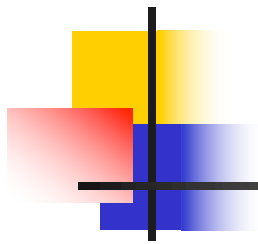
- 0-100 points for the submission
  - given by the professor based on
    - students' feedback and evaluations
    - quality of the submission
    - quality of the feedback to others' students
  - < 60 means not satisfactory (i.e., like <18)
- 0-20 points for the evaluation computed by moodle
  - not considered in the evaluation



# Peergrading evaluation

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- penalties
  - missing submission
  - late submission (at least 10% - penalty increases with the lateness)
  - missing evaluation (at least 10%)
  - poor/incoherent evaluation or missing feedback
- deadlines are strict and appear in the class portal
  - plan your work in advance!



# Peergrading in practise

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- moodle "workshop activity" within Polito class portal
  - recommended browser: Chrome
  - click on "Accedi ad Exercise"