

## Tartalomjegyzék

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## Informatics 2

### General informations

- Lecturer and labs: Gábor Borbély *borbely*
- **Lecture**
  - ◆ Thursday 9:15-10:00 H601
- **Lab**
  - ◆ Thursday 12:15-13:45 H601
- Requirements.

### Midterms

- 1st: March 9th, 10:15-11:15h, room H601 [pdf](#)
  - ◆ repetition: March 19th, 16:00-17:00h Room T606
- 2nd: April 9th 16:00-17:00h Room K174 [pdf](#)
  - ◆ repetition: April 24th, 16:00-17:00h Room H27
- 3rd: May 14th 16:00-17:00h Room K174 [pdf](#)
  - ◆ repetition: May 23rd, 10:00-11:00 Room H601

### Lab room

The room H507 has a magnetic card lock but it will be open during the labs. If you want to use it off the class, then you can request a card from [Ibolya Elekné Barna](#). You will have to leave a 2000HUF deposit. Please return the card if it is no longer necessary. Also, you can work on your own computer or use a remote login, please ask for help if needed. The room H601 is opened only for the lectures.

### Cloudcoder

On the labs and mostly on the homeworks we will use the following tool.

- <https://ccweb.math.bme.hu/cloudcoder/>
- If something doesn't work, don't hesitate to ask the lecturer!

## Lectures

The lectures can be read in html format or you can run them as jupyter notebook.

1. Getting started ([html](#), [ipynb](#))
2. Loops and lists ([html](#), [ipynb](#))
3. Functions ([html](#), [ipynb](#))
4. Data structures ([html](#), [ipynb](#))
5. Strings ([html](#), [ipynb](#))
6. OOP I. ([html](#), [ipynb](#))
7. OOP II. ([html](#), [ipynb](#))
8. Files and CLI ([html](#), [ipynb](#))
9. Recursion and Dynamic programming ([html](#), [ipynb](#))
10. Binary trees ([html](#), [ipynb](#))
11. Modules and numpy ([html](#), [ipynb](#))

## Labs

1. [lab](#)
2. [lab](#)
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## Homeworks

1. [Homework](#)
2. [Homework](#)
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