

# Biological Modeling of Neural Networks

## Exercises

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# Your friendly assistants



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# Exercises

- In-lecture exercises
- *12:00 – 13:00*: Q-A & Computer exercises
- Computer exercises
  - Laptop required
  - Software Installation required
  - Optional but recommended
- Mini-project:
  - Mandatory and graded

# Why computer exercises

- It's fun 😊
- Visual and interactive
  - Get understanding
  - Build intuition
- Programming is an essential skill

# Which Software?



- Simple
- Powerful
- Many libraries for scientific computing
- Widely used

# Fear

*'I don't know python'*

*'I am not good at programming'*



# Fear

- We are here to help!
- It is not a programming course
- 70% of the code is ready, you just use it



# Python tutorials

- [Python-course.eu](http://python-course.eu)
- <https://www.programiz.com/python-programming>
- ...



# Let's set-up your computer

Go to: <http://moodle.epfl.ch/>

*Python Exercises* →

*Click the link* →

*Setting up Python and Brian*