

# Programmation Assembleur

## 4 ESGI - MOC S2

Yvan SRAKA [yvan@sraka.xyz](mailto:yvan@sraka.xyz)

### How to contact me / ask a question?

**Technical questions:** e.g. help on a compiler error, need precision on a part of the assignment, a general question about the curriculum → Ask on ~~Discord~~ Teams (and tag me)

**Personal questions:** e.g. about a grade, about an issue with your workshop group, etc ... → Send a mail at [yvan@sraka.xyz](mailto:yvan@sraka.xyz)

## Grades

### CC

Every class is a small-group workshop.

**Every workshop is graded.**

### Exam

I will ask you to record a 2-5 min video presenting an assembly programming concept, in a lightning talk format.

The last class slot is for feedback about the curriculum / your submission.

## What is this lecture all about?

Write assembler by hand ... but assembly language is for machines not humans.

Understand a simple RISC help to get how computer *really* works.

## What this lecture is NOT about ...

- ▶ Computer architecture
- ▶ OS design
- ▶ Compiler
- ▶ System programming

## What skills are required

- ▶ Have already read a bit of C / C++ in your life
- ▶ Know how to work with simple Git / GitHub workflow
- ▶ Be comfortable with basic shell commands

GitHub

<https://github.com/yvan-sraka/esgi-riscv>

Thanks to @darnuria

This is the last slide