

Computer Architecture: Assignments

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Today

General Information

Serie 0

General

- ▶ Exercise Hours: Tuesday, 15:15-16:00
- ▶ Lecture materials and exercises:
www.ilias.unibe.ch
- ▶ Piazza: For questions about the lecture material and exercises

Exercise Series

- ▶ 5 regular Series
- ▶ Every two weeks

Theoretic part graded

Programming part 0, 0.5 or 1 point per Serie

- ▶ 3 C-programming Series
 - ▶ 2 Assembly programming Series
- ▶ Can be done individually or in teams of two
- ▶ Repetition series in two parts (C and assembler)

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Exam requirements

- ▶ Theory: 60% of the maximum number of points **per Serie**
- ▶ Programming part: 4 out of 5 points
 - ▶ Example: 0.5, 1, 1, 0.5, 1
- ▶ Mock exams: 19/04 and 31/05

Serie 0 Goal

- ▶ Make sure that the C programs can be compiled
- ▶ GNU C-Compiler (Version ≥ 4.0) und Make
- ▶ Serie 0 does not have to be submitted



Tips

1. Use UNIX-based OS
2. Linux (e.g. Ubuntu) in a Virtual Machine (e.g. VirtualBox)



What has to work?






Call compiler directly:

`gcc -std=c99 -pedantic -Wall -o helloWorld helloWorld.c`

Compiler Standard warnings Outputs Input

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Compiler	Standard	warnings	Outputs	Input

Compile with make

Compile `make`

Run `./helloWorld`

Clean up `make clean`

Next Week: Practice session and assistance



¹<http://www.xkcd.com/303/>

Questions?