Felix Friedrich, Malte Schwerhoff

Computer Science

Course at D-MATH/D-PHYS at ETH Zurich

Autumn 2019

Welcome

to the Course Informatik
for CSE at the MAVT departement of ETH Zürich.

Place and time:

Monday 08:15 - 10:00, CAB G 61.
Pause   9:00 - 9:15,   slight shift possible.

First week: Thursday 10:15 - 12:00 CAB G 11.

Course web page
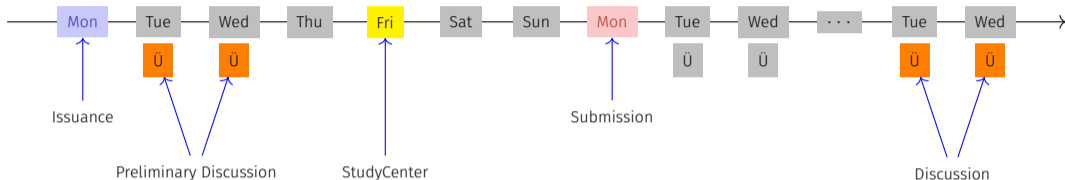
> http://lec.inf.ethz.ch/math/informatik_cse

Team

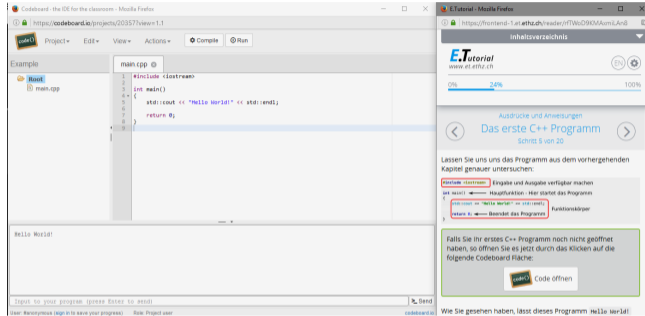|	
chef assistant	Vytautas Astrauskas
assistants	Florian Pauschitz Joshua Aurand Sebastian Balzer Vanessa Sennrich
lecturers	Dr. Felix Friedrich / Dr. Malte Schwerhoff

Procedure

- Exercises available on Monday morning (online)
- Preliminary discussion in the following exercise session (on Tuesday/Wednesday)
- StudyCenter (`studycenter.ethz.ch`)
- Solution must be submitted at latest on Monday in the following week (18:00h)
- Discussion of the exercise in the session one week after the submission. Feedback will be provided in the week after the submission.

Online Tutorial

For a smooth course entry we provide an **online C++ tutorial**
Goal: leveling of the different programming skills.
Written mini test for your **self assessment** in the **first** exercise session.
⇒ work throught the tutorial until next week
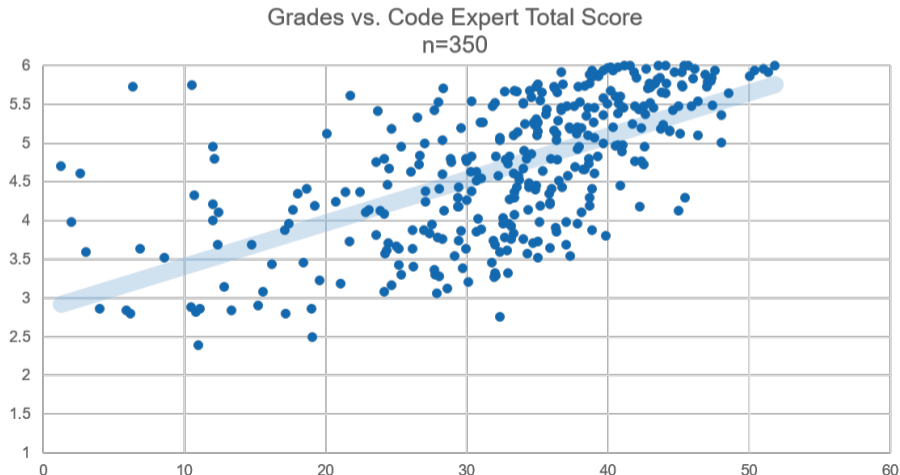
Exams

The exam will cover

- Lectures content (lectures, handouts)

- Exercise content (exercise sessions, exercises).

Written exam at the computer.
We will test your practical skills (programming skills) and theoretical knowledge (background knowledge, systematics).

Exercises

- The solution of the weekly exercises is thus voluntary but **stronly** recommended.

Grades vs. Code Expert Total Score
n=350

Offer (VVZ)

- During the semester we offer weekly programming exercises that are graded. Points achieved will be taken as a bonus to the exam.
- The bonus is proportional to the score achieved in specially marked bonus tasks, where a full score equals a bonus of 0.25. The admission to specially marked bonus depends on the successful completion of other exercises. The achieved mark bonus expires as soon as the lecture is given anew.

Offer (Concretely)

- 3 bonus exercises in total; 2/3 of the points suffice for the exam bonus of 0.25 marks
- You can, e.g. fully solve 2 bonus exercises, or solve 3 bonus exercises to 66% each, or ...
- Bonus exercises must be unlocked ($\rightarrow$ experience points) by successfully completing the weekly exercises
- It is again not necessary to solve all weekly exercises completely in order to unlock a bonus exercise
- Details: course website, exercise sessions, online exercise system (Code Expert)

Academic integrity

Rule

You submit solutions that you have written yourself and that you have understood.
We check this (partially automatically) and reserve our rights to invite you to interviews.
Should you be invited to an interview: don't panic. Primary we presume your innocence and want to know if you understood what you have submitted.

Credits

- Lecture:
    - Original version by Prof. B. Gärtner and Dr. F. Friedrich
    - With changes from Dr. F. Friedrich, Dr. H. Lehner, Dr. M. Schwerhoff

- Script: Prof. B. Gärtner
- Code Expert: Dr. H. Lehner, David Avanthay and others

Andere Quellen werden hier am Rand in dieser Form angegeben.

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