



Introduction to Laboratory Assignments



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Computer Security
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Four laboratory assignments to

- treat some practical aspects of computer security
- practice written and oral presentation

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Topics

- ① Identification and Authentication in Operating System (C Programming)
- ② E-Mail Security using Gnu Privacy Guard
- ③ Vulnerability Scanning with OpenVAS
- ④ SQL Injection

During CW 2–6... (some exceptions, see TimeEdit)

- Monday morning (8:00–11:45)
- Tuesday afternoon (13:15–17:00)
- Wednesday afternoon (13:15–17:00)
- Thursday evening (17:15–21:00)

Remote access using SSH is possible for some of the assignments outside these session hours.

Laboratory Groups

- two students per group
- group assignment in PingPong
- each group signs up for one session per week
 - booking lists brought to lectures and laboratory sessions

Laboratory Rooms

- room 4220 and 4225, west wing in EDIT building

Reporting and Deadlines

As overall, the reporting requires:

- ① Demonstration of your solution together with a (short) written report with answers to questions.
- ② Answers to questions submitted by email (encrypted and signed).
- ③ A (formal) written report.
- ④ Oral reporting during the laboratory session.

Deadlines

Assignment	Course Week	Deadline (Demo)	Deadline (Report)
1	2, 3	Thu Feb 7 (cw 3)	Sun Feb 17 (cw 5)
2	4		Sun Feb 24 (cw 6)
3	5		Wed Mar 6 (cw 7) ¹
4	6		—

- Last day for final submissions is Sun CW1 (SP4).
- Each report will only be considered for correction twice, i.e., only one resubmission!

¹For correction before exam.