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
Laboratory Sessions

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.
Groups and Rooms

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
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

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Course Week</th>
<th>Deadline (Demo)</th>
<th>Deadline (Report)</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>2, 3</td>
<td>Thu Feb 7 (cw 3)</td>
<td>Sun Feb 17 (cw 5)</td>
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<tr>
<td>2</td>
<td>4</td>
<td></td>
<td>Sun Feb 24 (cw 6)</td>
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<tr>
<td>3</td>
<td>5</td>
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<td>Wed Mar 6 (cw 7)</td>
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<td>4</td>
<td>6</td>
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- Last day for final submissions is Sun CW1 (SP4).
- Each report will only be considered for correction twice, i.e., **only one resubmission!**

<sup>1</sup> For correction before exam.