

Please make sure to always prepare your answers and solutions in a way that you are able to present them to your classmates and discuss your solution process effectively. Remember to always list any used material and references.

Task 14-1: Develop an exam-like exercise

In the last tutorial on 2016-02-01 we will work through a mock exam in preparation of the actual exam one week later on 2016-02-08. It is up to you to provide some task for this.

Important: To allow the teaching assistant some time to compile the mock exam, this practice sheet is due on **Friday, 2016-01-29, 08:00 am**.

1. Select a topic out of the course subjects. Work out a task to be included in the mock exam as well as its solution and grading scheme.
See the information provided below on the nature of exam questions.
2. **By Friday, 08:00 am:** Submit your task, its solution, and grading scheme through the "KVV Assignments" tool.

Nature of Exam Questions

Adapted from <http://www.inf.fu-berlin.de/w/SE/PruefungRegeln>

- Test for comprehension of the topic/the field, not for memorized answers. Therefore, typical types of questions are:
 - Which are the problems the course's topic addresses?
 - What are the relationships between these problems?
 - What are the basic concepts and general solution approaches in that field?
 - What are the relationships between the basic concepts?
 - What are the more concrete solution methods for the problems?
 - What are there pros and cons? When to use them? When not?
 - A second class of tasks checks for practical skills of applying the discussed methods. Knowledge about technical details is expected if:
 - they can be derived from the methods' basic ideas, or
 - they are necessary for application in simple to mid-complex cases.Additional details might be necessary for reaching the highest grade.
 - The basic concepts must to be part of the active vocabulary; everything else should be part of passive vocabulary.
 - The grading scheme always favors comprehension over knowledge of technical details.
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