Course Information

Course: Advanced Computer Science Lab

Course Number: 320222

Time: Monday, Tuesday,15.30-19.30

Place: R3 Lecture Hall (15.30-17.00, Monday)
    R2 Lecture Hall (15.30-17.00, Tuesday)
    CLAMV (Other times)

Instructor:
    Dr. Holger Kenn, Tel: 3112,
    E-mail: h.kenn@iu-bremen.de

Web page: http://www.faculty.iu-bremen.de/course/AdvCSLab/

TAs: Ioan Hepes (i.hepes), Benjamin Liebald (b.liebald), Max Pfingsthorn (m.pfingsthorn)

The course will be divided into three sections:

Feb 3 to Mar 3: Lecture

Mar 3 to Apr 29: Project Work

May 5 to May 19: Presentations

On the course website, course information and problem sheets will be available for download.

The grading scheme will be
30 % problem sheets
30 % deliverables
30 % presentations
10 % project completion

Problem sheets will be handed out on tuesday and will be handed in again on tuesday. Problem sheets must be handed in individually. The name and the matriculation number must be on the results handed in to be counted for grading. Occasionally, a student will be asked to the blackboard to explain her/his solution to the class. Her/his capability of demonstrating and defending the solution of the group to the class will determine the grading for that problemsheet.

During project work and presentations, the presence in the lab during course times is required. Unexcused absence will result in the loss of credit points and grade for the course.

Problem sheet 1

Course Fundamental Computer Science, Dr. Holger Kenn
e-mail: h.kenn@iu-bremen.de, tel.:+49 421 200 3112

1.) List and describe the use cases for the IUB library from a IUB student's viewpoint.

2.) What classes and methods should a C++ implementation contain to support these use cases ? (Note: we're not interested in the implementation of the class yet.) Use C++-style class declarations.

(10p)