Introduction to PROG2

3rd semester @ Erhvervsakademi København

Course Overview

- **Course description**: https://katalog.kea.dk/course/3050391
- **Workload**: 10 ECTS (14 hours per week - 6 hours lectures w/ exercises, 8 hours of self-study)
- **Projects**: Full stack project, AI Project, Semester project
- **Exam**: To attend the exam, you must have handed in and presented all projects
  - **24-hour take-home exam:** TBD
  - **30 min oral presentation:** TBD

Course material

- **Slides**, **Guides**, **Exercises** and **assignments**: GitHub repository

- **Materials**: Use Fronter for plan and links to GitHub.

Tentative Plan:

- 2 weeks: REST API + Spring Data JPA

- 3 weeks: JavaScript

- **2 weeks: Full stack project**

- 3 weeks: Functional Programming, Spring Security, Web Client

- **1 week: AI Project**

- 1 week: TBD

- **4 weeks: Semester project**

Teaching and learning methods

- **Lectures + Live coding**: Short introduction to the topic, followed by live coding examples and discussions.

- **Exercises**: Hands-on exercises during class.

- **Self-study**: Continue working on exercises and projects outside of class.

Communication

- **Fronter**: Main communication platform for course materials and announcements (links to GitHub repositories, slides, etc.).

- **GitHub**: All course materials, exercises, and projects will be hosted on GitHub.

- **Email**: For individual questions or issues, you can reach out via email (make sure to check your email regularly)

Expectations

- **Attendance**: Regular attendance is expected. If you miss a class, catch up on the material.

- **Participation**: Engage in discussions, ask questions, and share your thoughts.

- **Assignments**: Complete all assignments and projects on time.

- **Collaboration**: Work together with your fellow students on exercises and projects.