

BackendProgramming

Introduction

Introduction to the course

This course has two parts:

- The first part is: Spring (25 credits). The subjects of this part is:
 - Hibernate
 - Jpa
 - Spring framework
- The second part: Autumn (25 credits). Subjects will be:
 - Spring boot,
 - Spring data,
 - Spring security
 - microservices.
- All materials in this course is designed for Java 17.
 - If you want to use Java21, you should find the suitable jar files (or dependencies)

Link to the first part of the course planning:

https://docs.google.com/document/d/1BX1PVEY-9EDi4QC91POWNdXJBsXyblvjD018_Kvk4sw/edit?usp=sharing

Backend programming part one

- Material is in form of slides, exercises and workshops
- Exercises and workshops both have the same content:
 - Do the exercises if you want to do more yourself (without getting much hints) and then look at the workshop as the solution.
 - Do the workshops if you want to get more detailed instructions and hints.
- There will be:
 - 5 individual assignments (Grade IG,G)
 - 1 project as a group.(Grade IG,G,VG)