

Pensum SWC (programmering & teknik) 1+2 semester (2B) – Forår 2024

Note:

Object-Oriented Programming with C#, Per Laursen: <https://github.com/perslaursen/OOProg22>

Kapitler:

Prog01	Introduction, Data Types, Variables, Code Quality, Logic, Functions
Prog02	Conditional statements, Repetition statements, Introduction to Data Structures, Code Quality
Prog03	Data structures revisited, Recursion, Linq
Prog04	Managing CPU-bound (ss.4-6) Managing I/O bound (ss.12-17), Managing concurrent data access (ss 18-21midt)
OOProg01	Introduction, The Object concept, The Class concept, Class Definition, Class Collaboration, Static
OOProg02	Introduction, Inheritance, Exceptions, Generics, Functions as parameters
OOProg03	Introduction, The dependency injection principle, Design Patterns Creational (ss18-22), Design Patterns Structural (ss26-29)

Note:

RazorPagesTutorial.docx, Mohammed El Allali: <https://docs.google.com/document/d/e/2PACX-1vQ95jJ0Xcy1JHqq5JJ7SkaB84QZAnDSRSNiXhLkXno3LCcBIVIduwQ7bBpjvpEGw/pub>

Kapitler:

Chapter 1	HTML
Chapter 2	CSS
Chapter 3	Bootstrap
Chapter 4	Your First Razor Pages Application
Chapter 5	Razor pages architecture
Chapter 6	EventManagerRazorPages (Get all event)
Chapter 7	Create a new event
Chapter 8	Data Validation (kun validation - ikke afsnit om singleton pattern)
Chapter 9	Routing – edit event
Chapter 10	Dependency injection
Chapter 11	Repository design pattern – json file storage
Chapter 12	Testing

Note:

RazorPagesTutorial2.docx, Mohammed El Allali:

https://github.com/elallalimohammed/RazorPages_Spring2021/tree/master/RazorPages_Spring2021/Tutorial

Kapitler:

Chapter 1 Persitency in a file

Chapter 2 Entity Framework Database First approach

Chapter 5 ASP.NET core Razor pages using ADO.NET

Links etc.

Opgaver mm 1.sem <http://pele-easj.dk/2023e-swc/SEMESTER.htm>

Opgaver mm 2.sem <http://pele-easj.dk/2024f-swc2/SEMESTER.htm>
