

Java MVC Frameworks

Course Introduction



SoftUni Team
Technical Trainers
Software University
<http://softuni.bg>

Java MVC
Frameworks

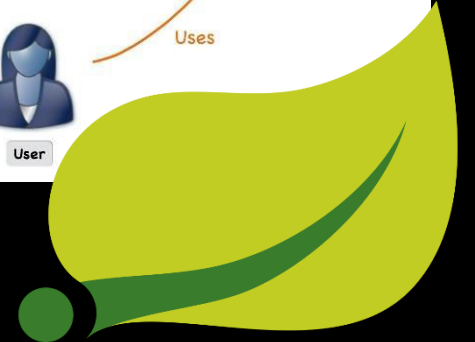
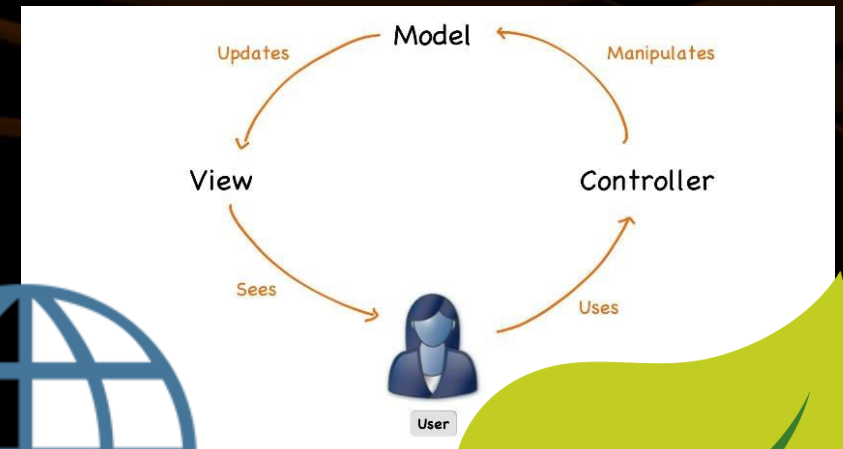
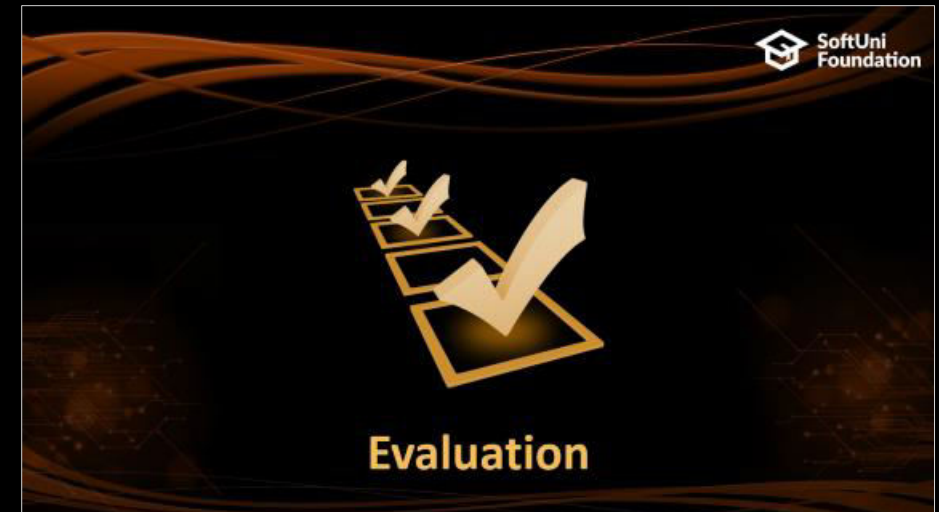
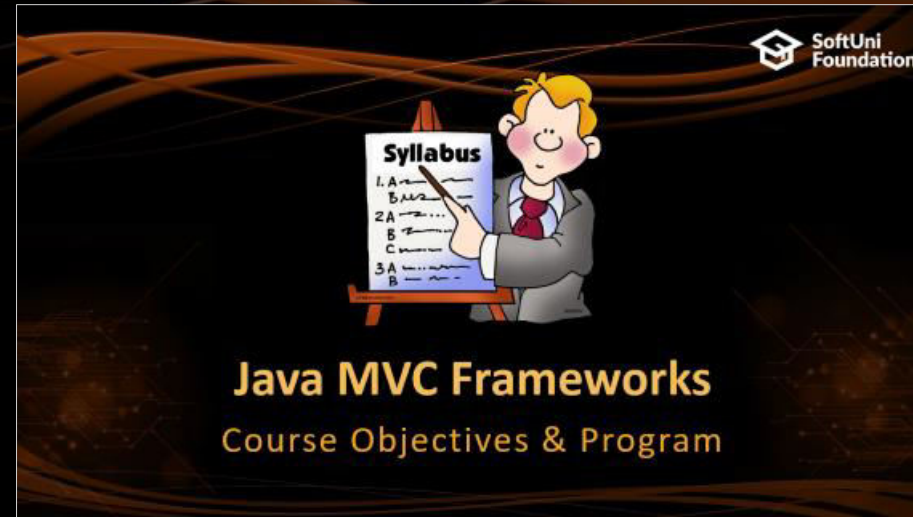


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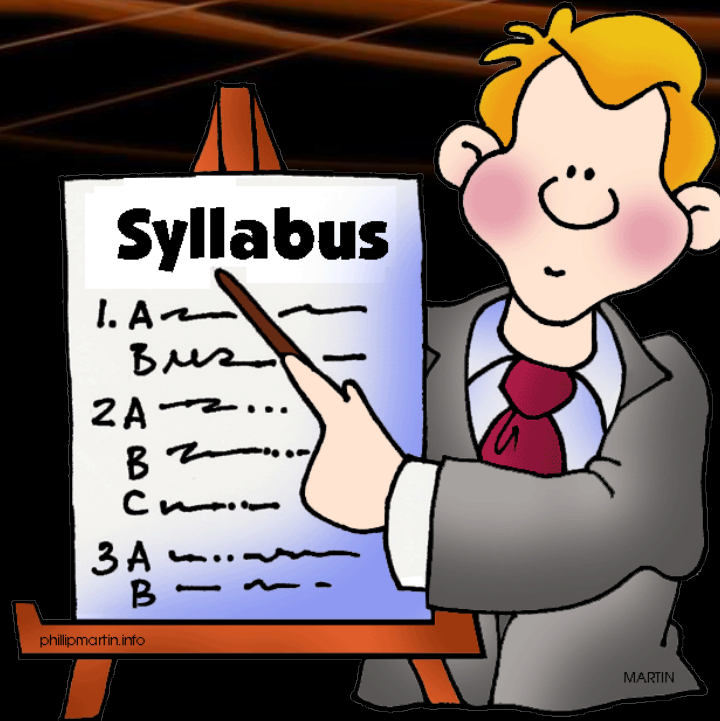


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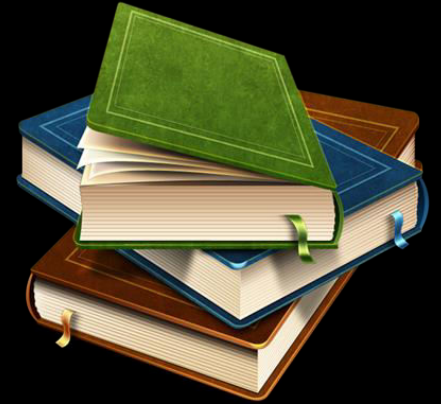


Java MVC Frameworks

Course Objectives & Program

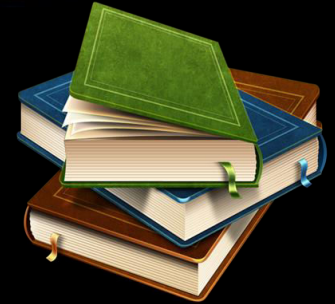
Java MVC Frameworks – Course Program

1. Course Introduction – Course Program, Trainers, Exams, Resources
2. Spring Boot Introduction – Introduction to Spring Boot
3. Spring Essentials – Everything important you need to know
4. Spring MVC Thymeleaf – The best template engine
5. Spring MVC Filters – What are Filters? Implementation
6. Spring MVC Security – How to make our app secure
7. Spring MVC Architecture – The Right Way



Java MVC Frameworks – Course Program (2)

9. Spring MVC Control Flow – The Right Way
10. Spring Web API – Another way to use the framework
11. Spring Cookbook – A cheat sheet to Spring
12. Spring Unit Testing – How to Unit Test our Web App
13. Build & Deployment





The Trainers Team

Trainers Team

■ Ivaylo Jelev

- Training Leader @ Software University
- Almost 3 years of being a Technical Trainer @ Software University
- Top Performing Student
- Professional Exercise & Exam Problem Creator 😊



Trainers Team

■ Ivan Yonkov

- Co-Founder & CTO @ Codexio
- Training Consultant @ SoftUni
- 6 years of programming experience mainly with Java and PHP
- Solid experience as QA engineer
- Top performing student from the Software University (2014)





Java MVC Frameworks: More Details

Duration, Schedule, Languages, etc.

Training Duration – Java MVC Frameworks

- Lessons: ~50 hours (onsite + videos)
- Practical **exercises** (in class): ~70 hours
- **Project Defense**: 20 min
- Schedule: July – August 2018
- Project Defense: **25 August 2018**



Why English?

- Why the slides are in English?
 - **English** is the native language of the software engineers
 - Specific terminology should be in English
 - Translations are inaccurate and funny
- Just **learn English**!
 - No excuses



Learn to Search in Internet & Find Solutions!

- The course assignments require to **search in Internet**
 - This is an important part of the learning process
 - Some exercises intentionally have no hints
- Learn to find solutions!
 - Software development includes **everyday searching and learning**
 - No excuses, just **learn to study!**
 - Developers learn new technologies, tools, languages every day!





Evaluation



☒ Excellent
☐ Very good
☐ Good
☐ Average
☐ Poor

Java MVC Frameworks

Evaluation Criteria

Scoring System for “Java MVC Frameworks”

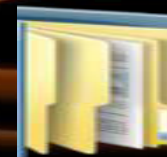
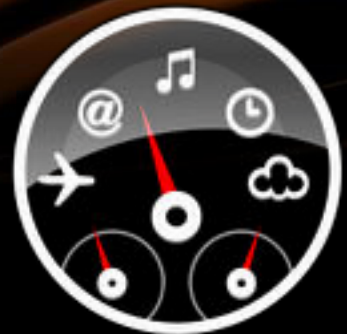
- Individual Project – 90%
- Homework (exercises) – 10%
- Bonuses: up to 10%
 - Presence in class: 5%
(onsite students only)
 - Forum activities
 - Others



Homework Assignments

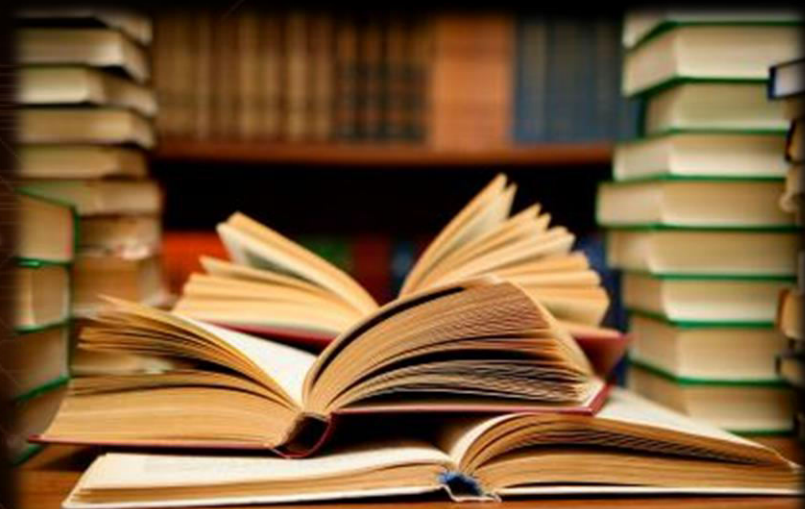
- Doing your homework is very **important!**
 - Programming can only be learned through a lot of practice!
 - You should write code every day!
- Each **lesson** is followed by many **exercises**
 - Try to solve them in class
 - The rest are your homework
- Homework assignments are **due in 6 days** after each lecture
- Submission are sent on the course page at **softuni.bg**



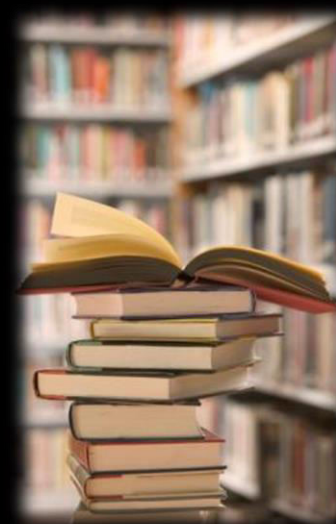


Resources

What We Need Additionally?



WIKIPEDIA
The Free Encyclopedia



Your RFID Chip

1. Students can either

- Take **RFID chip** from SoftUni
- Or use their own chip / card



2. **Register** your chip number in your SoftUni profile:

<https://softuni.bg/users/profile/show>

3. **Check-in** at the reception every time when you come

4. See your last **visits** in your profile:

<https://softuni.bg/users/profile/show>



Java MVC Frameworks Resources

- Official web site:

<https://softuni.bg/courses/java-mvc-frameworks-spring>



- Official discussion forum:

<https://softuni.bg/forum/categories/75/java-mvc-frameworks-spring>



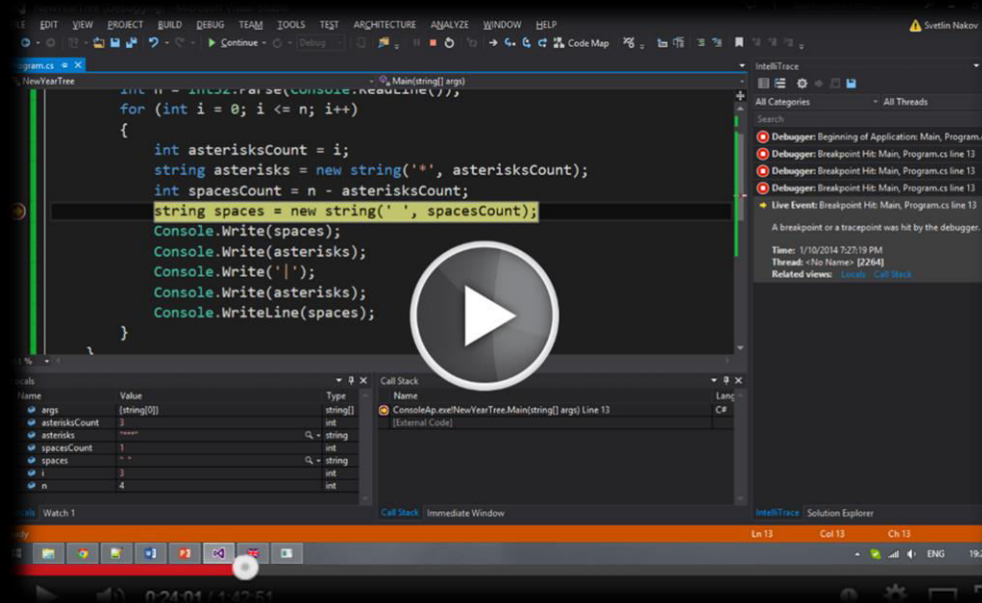
- Official Facebook groups:

<https://www.facebook.com/groups/SoftUniJavaWebMay2018/>



The Java Web Slides and Videos

- All lecture slides, videos, homework assignments, projects and other resources are open content, available for free
- Visit the course [web site](#) to access the course resources



- Software University Learning System (SULS)

- www.softuni.bg
- Important resource for students
- Homework submissions
- Homework check-up
- Exams and results
- Reports about your progress
- ...



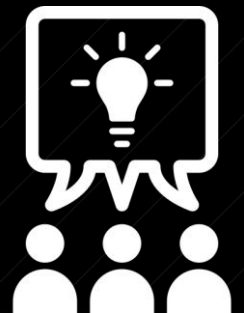
Required Software

- Software needed for this course:
 - Microsoft Windows (Win 10 / 8.1 / Win8 / Win7) or Mac or Linux
 - JetBrains IntelliJ Idea
 - Eclipse



Summary

- Training program
- Individual project
 - A Spring MVC Web Application
- Learning resources
 - Slides, videos, software, books, forum



Java MVC Frameworks – Course Introduction



Questions?



License

- This course (slides, examples, demos, videos, homework, etc.) is licensed under the "Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International" license



Trainings @ Software University (SoftUni)

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