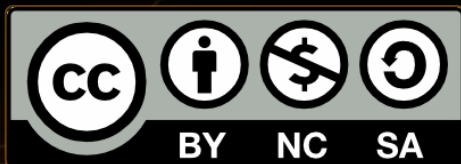


JavaScript for Front-End

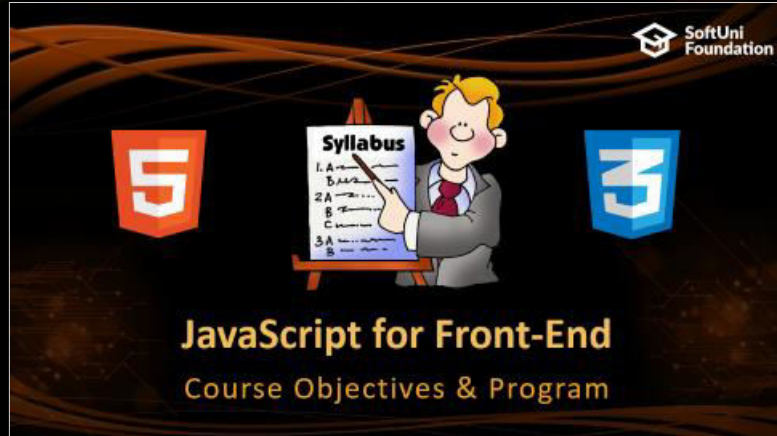
Course Overview



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



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Have a Question?

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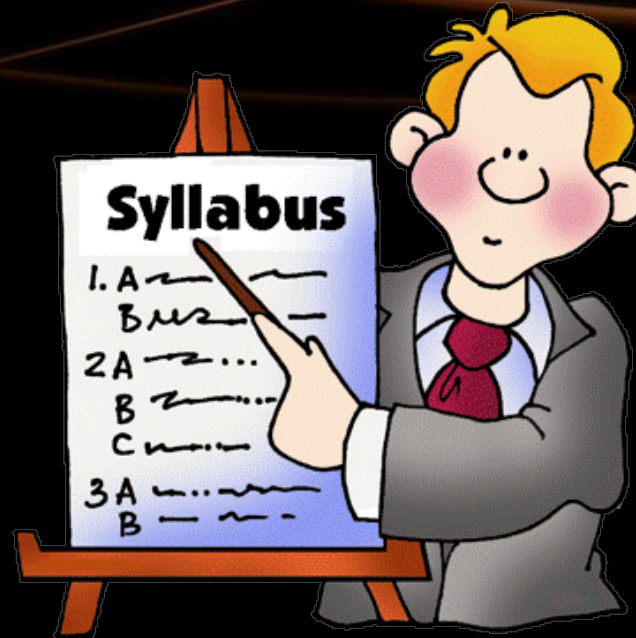
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JavaScript for Front-End

Course Objectives & Program

JavaScript – Course Topics

1. **Introduction to JavaScript** - Basic Syntax, Arrays, Functions, Objects, JSON
2. **Introduction to DOM & Events** - Explanation of DOM, Selectors, DOM Manipulation, Events
3. **Introduction to jQuery** - Selecting elements, Manipulating the DOM, Changing CSS
4. **jQuery Plugins** - Slick Slider, Datetime picker, Validator, Drag and drop
5. **Introduction to AJAX** - JQuery Ajax Concept, Requests, HTTP

JavaScript – Course Topics (2)

6. Introduction to Bootstrap - Intro to Bootstrap, Grids, Forms, Buttons, Layout
7. Bootstrap Plugins - Introduction to plugins, Sliders, Datepicker, Validation
8. Workshop
9. Exam Preparation
10. Practical Exam





The Trainers Team

Trainers Team

■ Antonia Atanasova

- Experience in HTML5, CSS3, JS, Bootstrap, C#, CMS Systems
- Studies Software Engineering @ SoftUni
- Studies Business Informatics @ UNWE
- Technical Trainer in Software University
- Digital Marketing Freelancer



Trainers Team

■ Yuliy Ivanov

- Experience in HTML5, CSS3, JS, C#, Bootstrap, MongoDB
- Student with excellent grades at SoftUni
- Experience : Personal projects with JavaScript, Owned a virtual items trading website



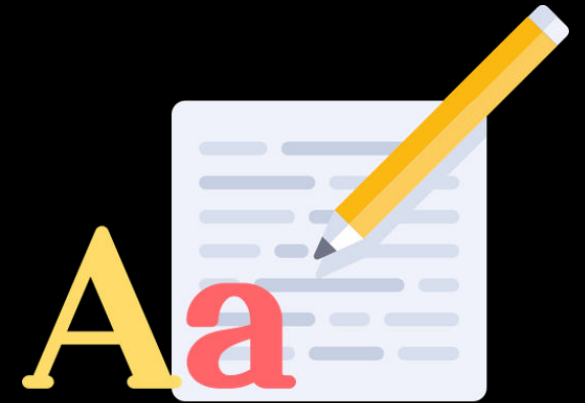


JS for Front-End: More Details

Duration, Languages, Technologies

Training Duration – JS for Front-End

- Lessons: ~ **35** hours (onsite + YouTube videos)
- Practical exercises (in class): ~ **40** hours
- Homework: ~ **40** hours
- Exam preparation: **8** hours
- Exam: **6** hours
- Schedule: **July – August 2018**
- Exam date: **12 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

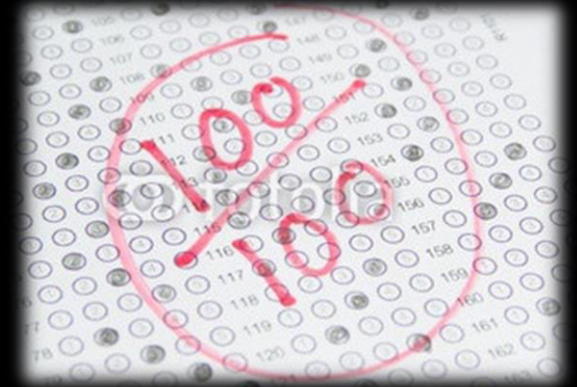
Scoring System for the Course

- Mandatory:
 - Final exam – 90%
 - Homework submissions – 10%
- Bonuses:
 - Presence in class – 5% bonus
 - Forum activity – bonus up to 5%



JavaScript for Front-End Exam

- Practical JavaScript application exam
- 2 problems for 6 hours
 - Designing a web page from scratch with **Bootstrap**
 - Implementing dynamic functionality on the page with **JavaScript**



Homework Assignments

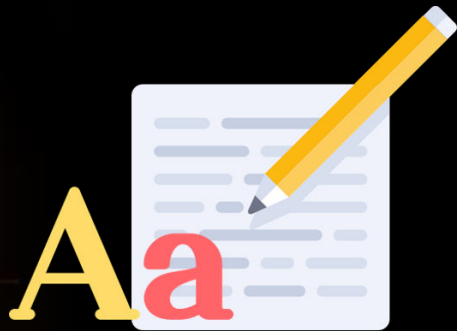
- Doing your homework is very **important!**
 - HTML and CSS can only be learned through a lot of **practice!**
 - You should write code **every day!**
- Each lesson is followed by a few **exercises**
 - Try to solve them in class
 - The rest are your homework
- **Homework** assignments are **due in 6 days** after each lesson





Resources

What We Need Additionally?



JavaScript Course Web Site, Forum and FB Group

- Official website:

<https://softuni.bg/courses/javascript-for-front-end>



- Official discussion forum:

<https://softuni.bg/forum/categories/68/web-basics>



- Official Facebook groups:

<https://www.facebook.com/groups/SoftUniJavaScriptForFrontEndJuly2018/>



The Front-End Development Slides and Videos

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

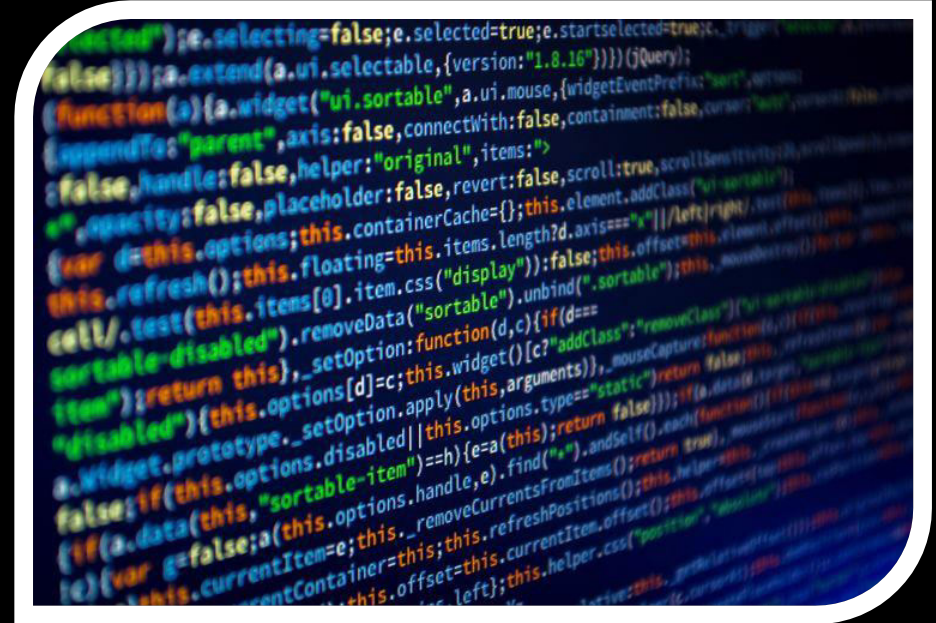


- Software University Learning System (SULS)
 - www.softuni.bg
 - Important resource for students
 - Homework submissions
 - Homework check-up
 - Exams and results
 - Reports about your progress



Recommended Software

- You will need a good IDE like:
 - WebStorm
 - Visual Studio Code
 - Brackets
 - Microsoft Visual Studio



Summary

- The “JavaScript for Front-End” course teaches
 - The first steps in JavaScript
- Training curriculum
 - Basic Syntax, JSON, Objects, Libraries etc.
- Practical exam
 - 2 problems for 6 hours
- Learning resources
 - Slides, videos, software, books, forum



JavaScript for Front-end – Course Introduction



Questions?



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