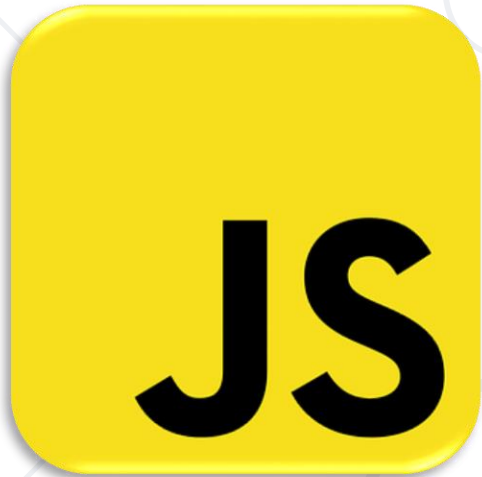


# JavaScript Advanced

## Course Introduction



SoftUni Team

Technical Trainers



**SoftUni**



Software University

<https://softuni.bg/>

# Table of Contents

1. Introduction
2. Course Objectives
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4. Course Details



[sli.do](https://sli.do)

**#js-advanced**

# SoftUni Diamond Partners

**SUPER  
HOSTING  
.BG**



**Coca-Cola HBC  
Bulgaria**



**POKERSTARS**  
POKER | CASINO | SPORTS  
a Flutter International brand

**INDEAVR**  
Serving the high achievers



**AMBITIONED**

 **DRAFT  
KINGS**



**SOFTWARE  
GROUP**

createX



**Postbank**  
Решения за твоето утре

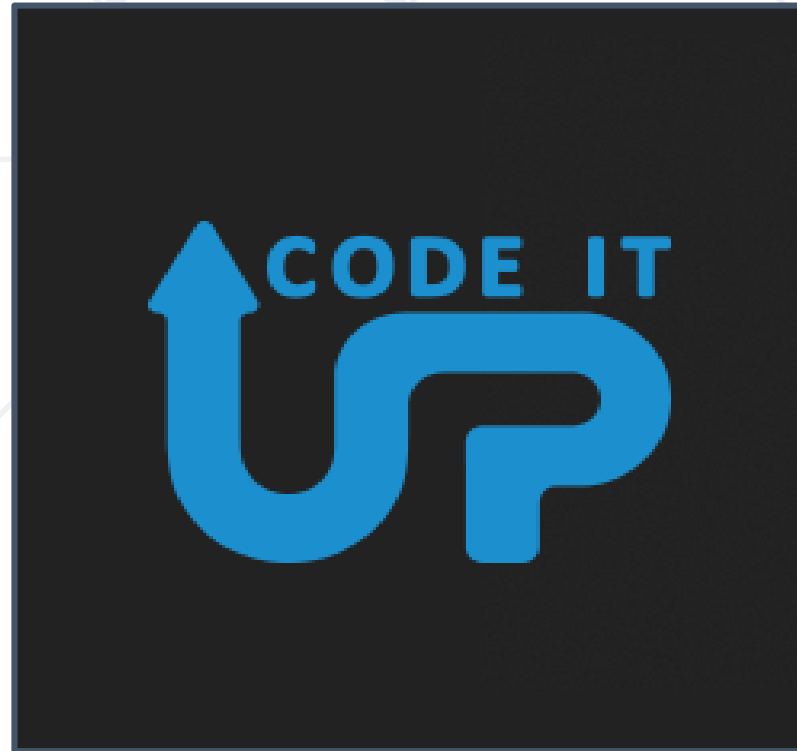


**BOSCH**

**DXC**  
TECHNOLOGY



**SmartIT**





# **JS Advanced**

## Course Objectives

- **Extends** the JS Fundamentals course
- Advanced **coding skills** for the JS language
- Use contemporary **techniques** and **paradigms**
- Master the **DOM API** and user interaction
- Write code to solve **realistic** practical **problems**

- 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!





1. Syntax, Functions and Statements
2. Arrays & Matrices
3. Objects & Composition
4. DOM Introduction
5. DOM Events and Manipulation



- 6. Advanced Functions
- 7. Unit Testing
- 8. Classes
- 9. Prototypes and Inheritance
- 10. Workshop





**Trainers and Team**

- Worked on scalable high traffic distributed systems
- **Experience** in JS, TS, Node.js, Angular, C#, ASP.NET MVC, Azure Cloud
- Former Trainer **@Software University**
- Former Full-stack Developer **@Software University**
- Former Full-stack Developer **@Developsoft**



- 6 years experience as software developer
- Proficient in Front-End web technologies like **Angular**, **React**, **Vue**, and **Svelte**
- **Experience** from static web views to complex browser games



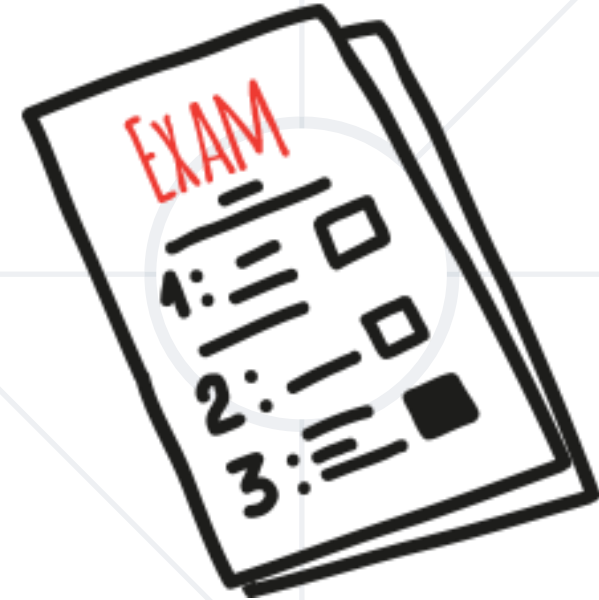


# Course Details

Schedule

# Practical Exam

- Structure: **3 problems** for **4 hours**
- Exam: **17 Jun 2023**
- Retake: **2 Aug 2023**
- Problems description:
  - **DOM**
  - **Classes**
  - **Unit Testing**



[Link to Exams](#)

# Theoretical Exam

- 20 questions for 30 minutes
  - Multiple-choice
  - English
- Automated quiz system
- Available online
  - You can submit your answers just one time





# JS Advanced Module Timeline

## JS Advanced

6 weeks  
4 times per week

Start: 10. May 2023  
Exam: 17. Jun 2023

10.

May

17.

Jun

## JS Applications

6 weeks  
4 times per week

Start: 20. Jun 2023  
Exam: 29. Jul 2023

20.

Jun

29.

Jul

## Exam Retakes

JS Advanced: 2. Aug 2023  
JS Applications: 8. Aug 2023

Aug

- **Practice** grade:

**Practical Exam**

100 %

**Homework**

+5 %

- **Theory** grade:

**Theoretical Exam**

100 %

- SoftUni Certificate: **5.00** from **Practice**
- CPE Certificate: **3.00** average from **Practice + Theory**

# Course Web Site, Forum and FB Group

- Official web site:

<https://softuni.bg/trainings/4102/js-advanced-may-2023>

- Official discussion forum:

[softuni.bg/forum/categories/19/](https://softuni.bg/forum/categories/19/)

- Official Facebook group:

<https://www.facebook.com/groups/JSAdvancedMay2023>

- Official SoftUni JavaScript Community:

[facebook.com/groups/SoftUniJavaScriptCommunity/](https://facebook.com/groups/SoftUniJavaScriptCommunity/)



- Software University – High-Quality Education, Profession and Job for Software Developers

- [softuni.bg](http://softuni.bg), [softuni.org](http://softuni.org)

- Software University Foundation

- [softuni.foundation](http://softuni.foundation)

- Software University @ Facebook

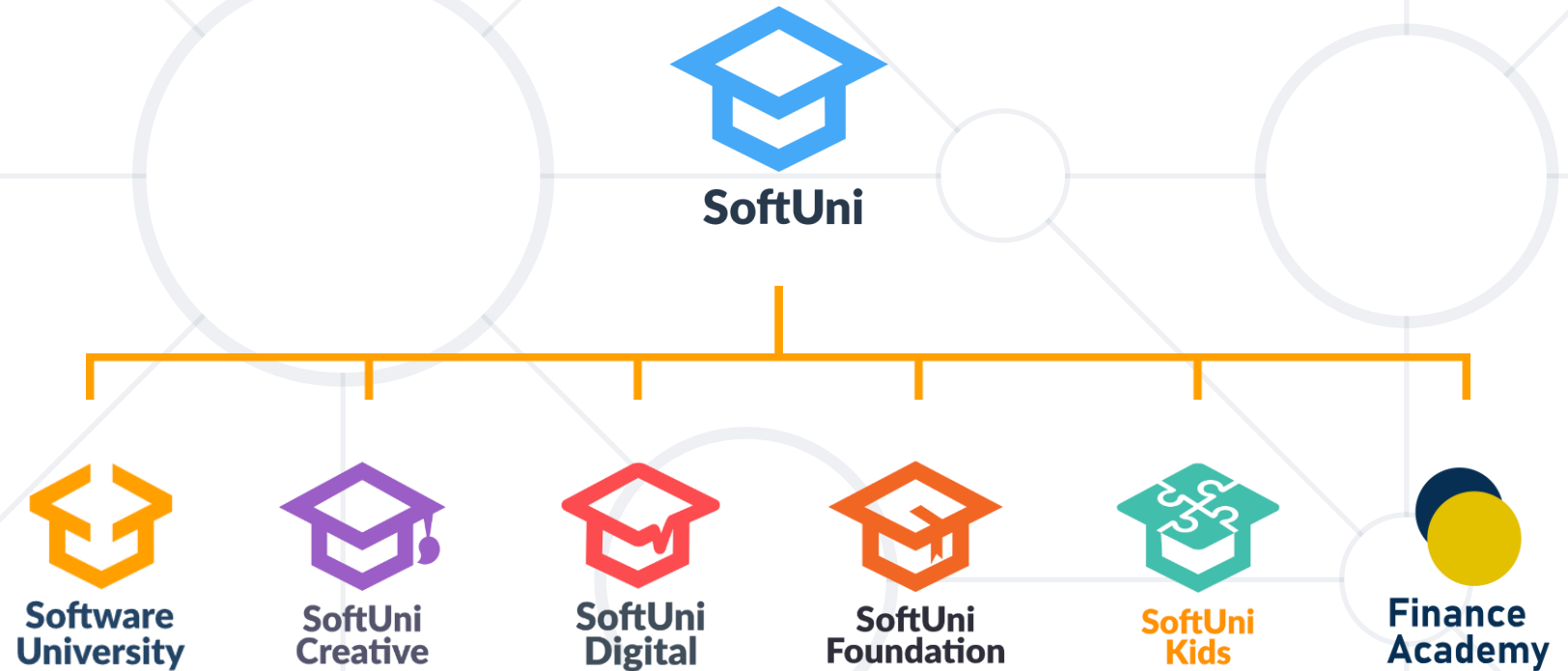
- [facebook.com/SoftwareUniversity](https://facebook.com/SoftwareUniversity)

- Software University Forums

- [forum.softuni.bg](http://forum.softuni.bg)



# Questions?



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