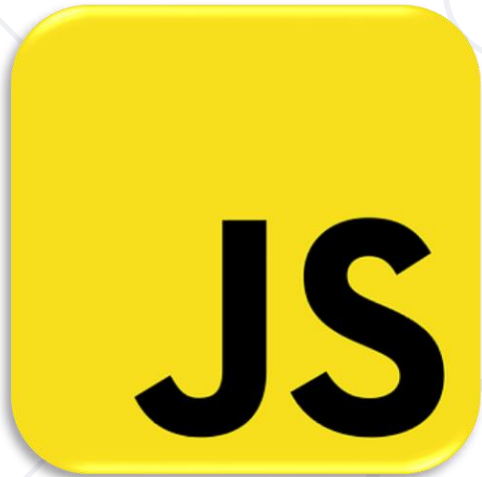


JavaScript Fundamentals

Course Introduction



SoftUni Team

Technical Trainers



SoftUni



Software University

<https://softuni.bg/>

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2. Course Objectives
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sli.do

#fund-js

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JS Fundamentals

Course Objectives

- **Extends** the Programming Basics course
- Fundamentals **coding skills** for the JS language
- Use of more complex techniques and structures such as **arrays**, **classes**, and **objects**
- Ability to solve **algorithmic** problems
- Introduction to the **basics of web** development

JS Fundamentals – Course Topics

1. Basic Syntax, Conditional Statements And Loops
2. Data Types and Variables
3. Arrays
4. Functions
5. Arrays Advanced
6. Objects and Classes
7. Associative Arrays
8. Text Processing
9. Regular Expressions





Trainers and Team

- **Senior technical trainer with 6+ years** experience in the IT field
- **Head of the R&D Unit** at Software University
- Former **Director** of the **Education Department**
- JavaScript enthusiast



- Web Developer @ Aim Academics and Impact Academics
- Goodwaller of the Year in the Computer Science category
- Mentor in New Year seminars @ Harvard
- Guest-lector @ the Computer Science Club @ SungKyunKwan University





Course Details

Schedule

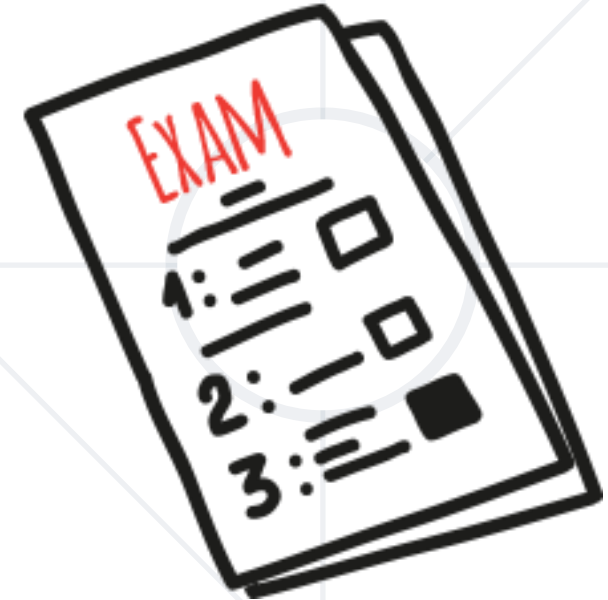
Practical Programming Exam

Mid Exam

- 3 practical problems for 4 hours
 - Conditional Statements and Loops
 - Linear Data Structures – Arrays

Final Exam

- 3 practical problems for 4 hours
 - Associative Arrays
 - Strings and Text Processing
 - Regular Expressions



[Link to Exams](#)

Theoretical Exam

- 20 questions for 30 minutes
 - Multiple choice
 - English
- Automated quiz system
- Available online – open when the practical exam starts and active 30 minutes after its end
 - You can submit your answers just one time



JS Fundamentals Module Timeline

JS Fundamentals

12 weeks
3 times per week
12 credits

Start: 12. Sep 2023
Mid-Exam: 22. Oct 2023
Final-Exam: 03. Dec 2023

Exam Retakes

Mid-Exam: 07. Dec 2023
Final-Exam: 11. Dec 2023

12.

Sep

22.

Oct

Nov

03.

Dec

07.

11.

- **Practice** grade:

Practical Mid Exam

40 %

Practical Final Exam

60 %

Homework

+5 %

- **Theory** grade:

Theoretical Exam

100 %

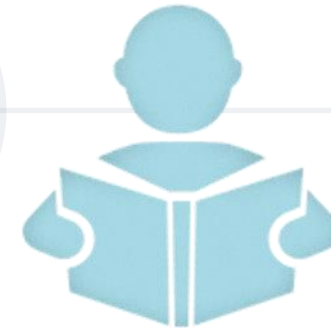
- SoftUni Certificate: **5.00** from **Practice**
- CPE Certificate: **3.00** average from **Practice + Theory**

Homework Assignments & Exercises

- Your homework is mainly work in class
 - Lesson days → slides + live demos + exercises
 - Exercise days → only exercises
- How to submit your homework?
 - Submitted in the judge system
- Do your homework when it's due
 - Assignments pile up quickly



- 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!



- Official web site:

softuni.bg/trainings/4221/programming-fundamentals-with-javascript-september-2023

- Official discussion forum:

softuni.bg/forum/programming-fundamentals

- Official JavaScript Facebook group:

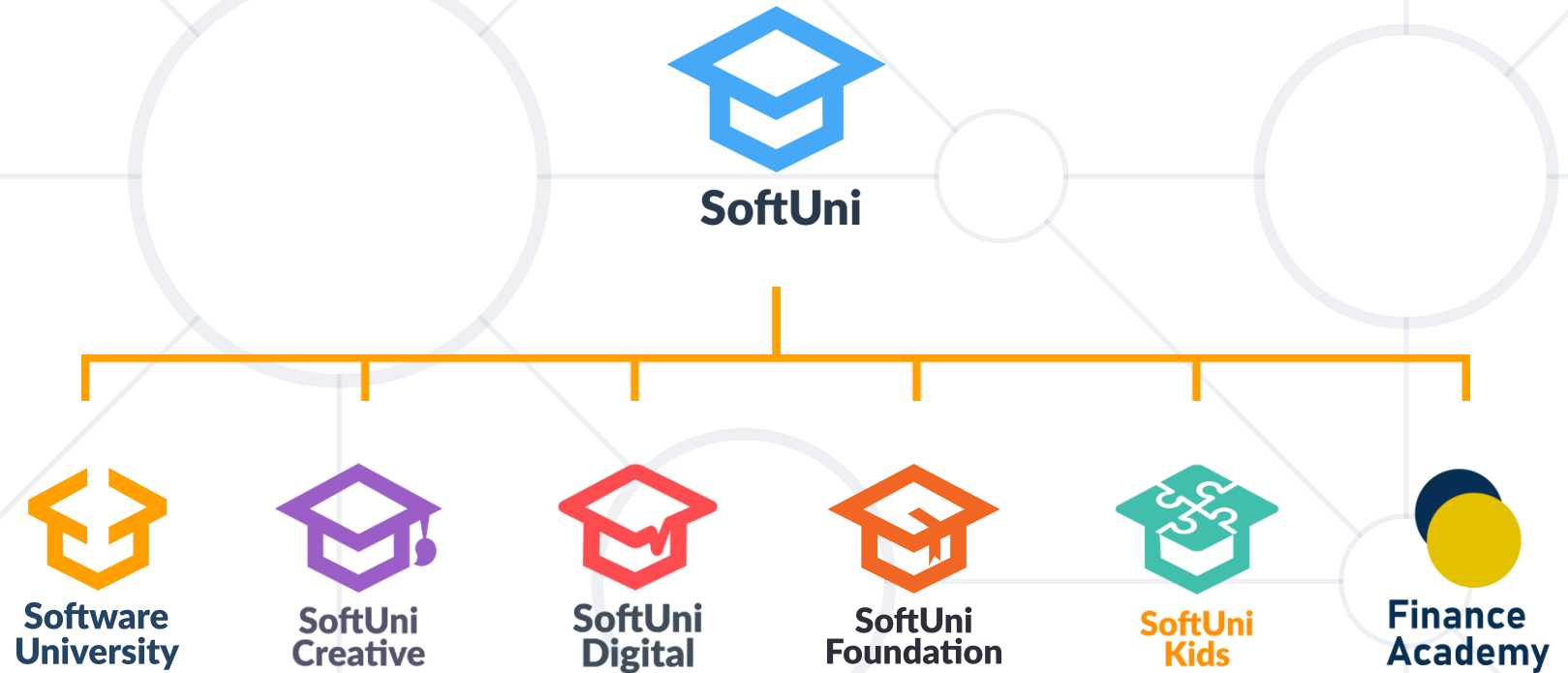
facebook.com/groups/ProgrammingFundamentalswithJavaScriptSeptember2023

- Official SoftUni JavaScript Community:

facebook.com/groups/SoftUniJavaScriptCommunity



Questions?



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