Java Fundamentals

Course Introduction

SoftUni Team

Technical Trainers

Software University

SoftUni

Software University

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#fund-java

SoftUni Diamond Partners

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Course Objectives

Java Fundamentals Objectives

- Working with linear data structures
  - Arrays and Lists
- Defining simple classes
- Processing and manipulating strings
- Regular Expressions
- Building simple web project

Practical Programming Exam

- **Mid Exam**
  - 3 practical problems for 4 hours
    - Conditional Statements and Loops
    - Linear Data Structures – Arrays and Lists
- **Final Exam**
  - 3 practical problems for 4 hours
    - Strings and Text Processing
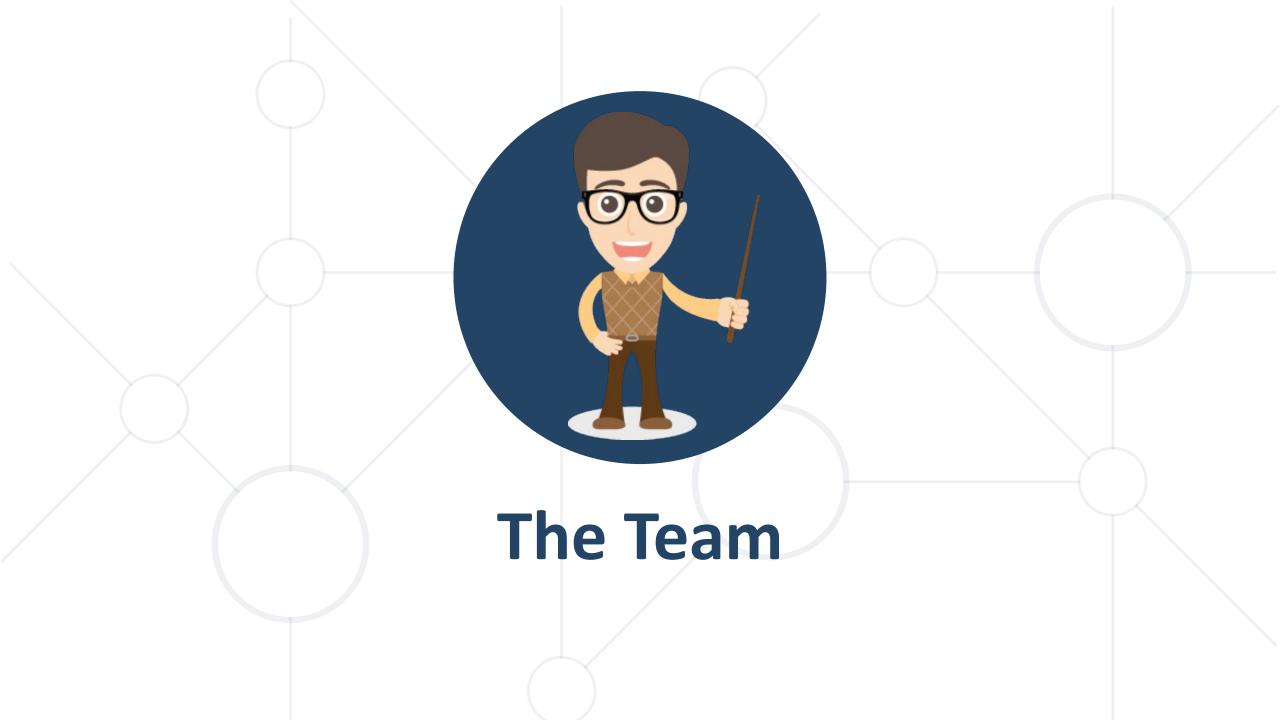   - Associative Arrays
    - Regular Expressions

Theoretical Exam

- You will have **30 minutes** once you enter
  - Multiple choice with **only 1** correct answer
  - English
- Automated quiz system
- Available online **on the day** of the practical exam
  - You can submit your answers **just one time**

The Team

Desislava Topuzakova

- Senior Java Developer & Scrum Master @ **SAP**

- Technical Trainer @ **SoftUni**

- Training Manager @ **SoftUni**

- Programming Basics Lead @ **SoftUni**

- Ex-competitor in **Mathematics**

Yulian Kastamanov

- Top Student in **SoftUni Java Track**

- JobCard Engineer in **Lufthansa Technik Sofia**

- Technical Experience with **Java** and **JavaScript**

Course Organization

Java Fundamentals Module

Software University

13-May-2024   23-Jun-24   4-Aug-24   6-Aug-24   8-Aug-24

Java Fundamentals

12 weeks * 3 times / week
12 credits

Start: 13-May-2024
Mid Exam: 23-Jun-24
Theoretical exam: 4-Aug-24
Final exam: 4-Aug-24

Retake Exams

Mid Exam Retake: 6-Aug-24
Theoretical Exam: 8-Aug-24
Final Exam Retake: 8-Aug-24

Course Scoring

- **Practice** grade:

Practical Mid Exam	Practical Final Exam	Homework
40 %	60 %	+5 %

- **Theory** grade:

Theoretical Exam
100 %
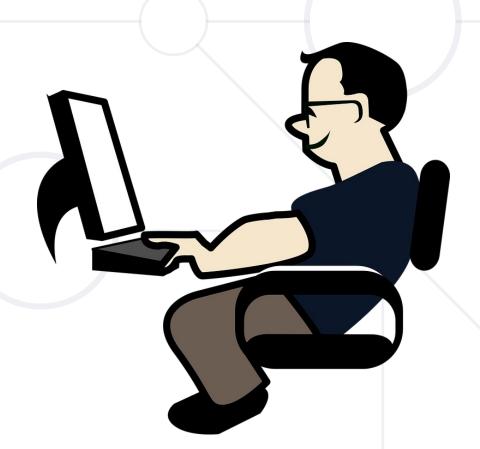
- SoftUni Certificate: **5.00** from **Practice**

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

Homewnrk 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

Learn to Search in Internet

- 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!

Course, Forum and FB Group

- Official web site:
  https://softuni.bg/trainings/4503/programming-fundamentals-with-java-may-2024

- Official Facebook group:
  https://www.facebook.com/groups/ProgrammingFundamentalswithJavaMay2024

- Community Facebook group:
  https://www.facebook.com/groups/SoftUniJavaCommunity/

Questions?

Trainings @ Software University (SoftUni)

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

    - softuni.bg, about.softuni.bg

- Software University Foundation

    - softuni.foundation

- Software University @ Facebook

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