

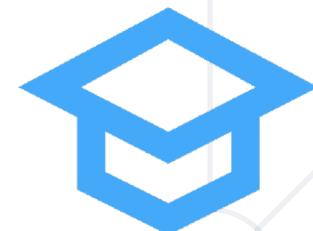
Java Advanced

Course Introduction



SoftUni Team

Technical Trainers



SoftUni



Software University
<https://softuni.bg>

Have a Question?



sli.do

#java-advanced

SoftUni Diamond Partners



Coca-Cola HBC
Bulgaria



Postbank

Решения за твоето утре



AMBITIONED



SOFTWARE
GROUP

SUPER
HOSTING
.BG



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Java Advanced

About Java

- Java Is Everywhere
- Wonderful Community Support
- Java Is Platform Independent
- Excellent Documentation Support - Javadocs
- Great Collection of Open Source Libraries
- Java Has Rich API

Course Topics

- Stack and Queues
- Multidimensional Arrays
- Sets and Maps
- Streams, Files and Directories
- Functional Programming
- Defining Classes
- Workshop – Create Simple Data Structure
- Generics
- Iterators and Comparators
- Workshop



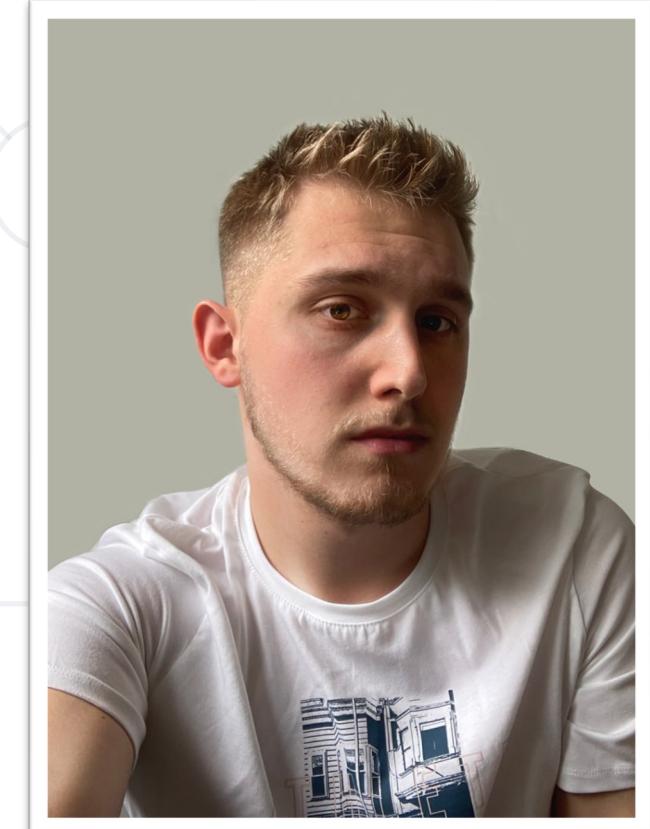


The Trainers Team

- Java Developer @**VMware**
- Experience with **Java, C++, C#**
- Technical Trainer @**SoftUni**
- Interested in **Astrophysics**



- Java Web Developer @ **Tide**
- Programming for **4** years and has worked with **Java**, **C#** and **JavaScript**
- Technical Trainer @ **SoftUni**
- Has experience in the development of private **Java-based server** applications
- Interested in **Spring** and the development of **web-based applications**





Course Organization

Java Advanced Module – Timeline

13-May-2024

24-Jun-2024

12 and 14-Aug-2024

Java Advanced

6 weeks * 4 times / week
12 credits

Start: 13-May-2024
Theoretical exam: 22-Jun-2024
Final exam: 22-Jun-2024

Java OOP

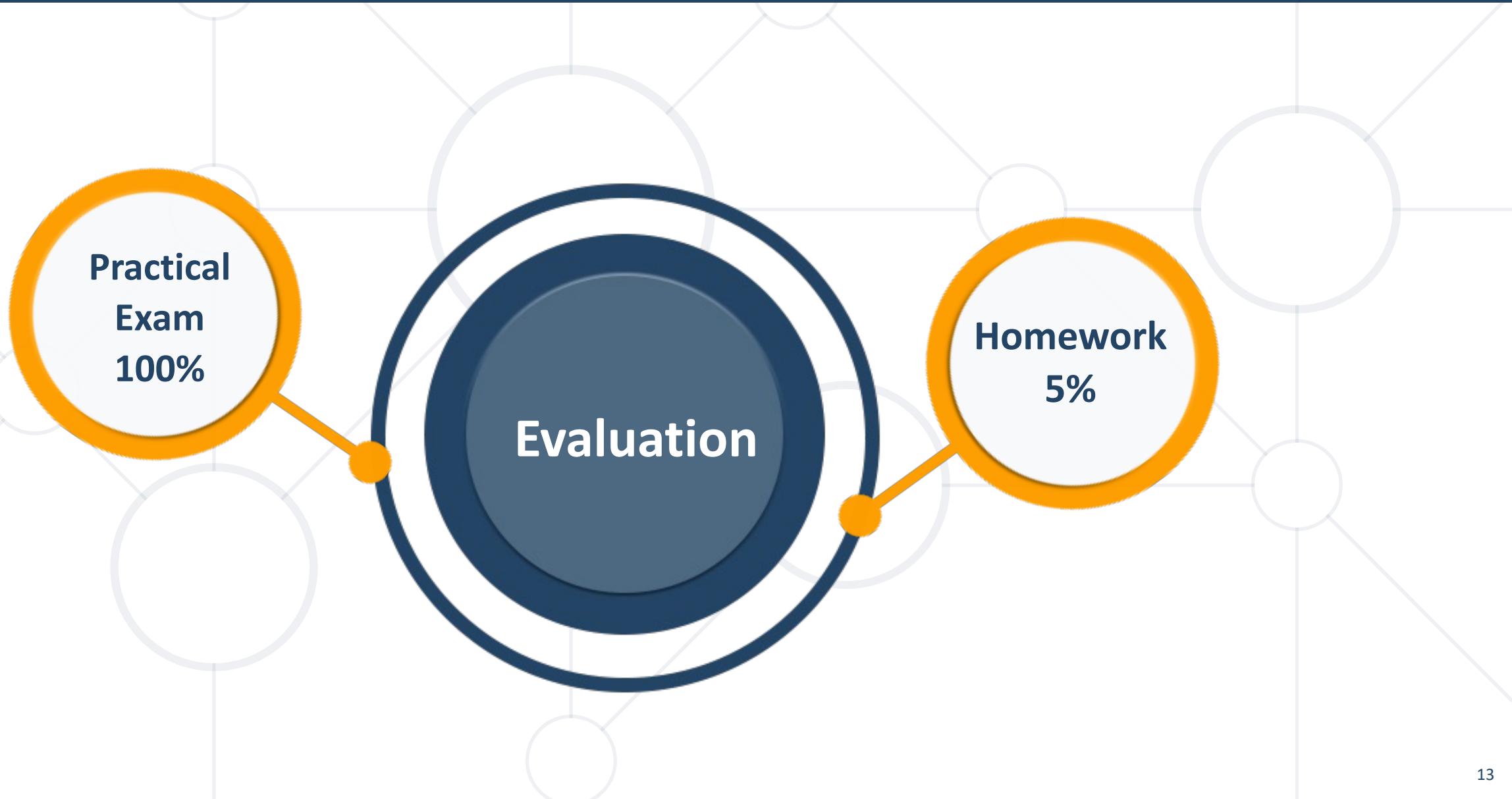
7 weeks * 4 times / week
15 credits

Start: 24-Jun-2024
Theoretical exam: 10-Aug-2024
Final exam: 10-Aug-2024

Retake Exams

Java Advanced
12-Aug-2024

Java OOP
14-Aug-2024





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



- **Practical Programming Exam**
 - 3 practical problems for 4 hours:
 - Code in Java
- Problem 1: **Data Structures** (Stack, Queues, Sets, Maps)
- Problem 2: **Multidimensional Arrays**
- Problem 3: **Defining Classes**

Theoretical Exam

- 30 minutes
- **Choice** with 1 answer
 - In English
 - Automated quiz system
- Available **online** on the day of **the practical** exam
- You can submit your answers just one time





Resources

Java Advanced Course, Forum and FB Group



- Official web site:

<https://softuni.bg/trainings/4522/java-advanced-may-2024>

- Official Facebook group:

<https://www.facebook.com/groups/JavaAdvancedMay2024>

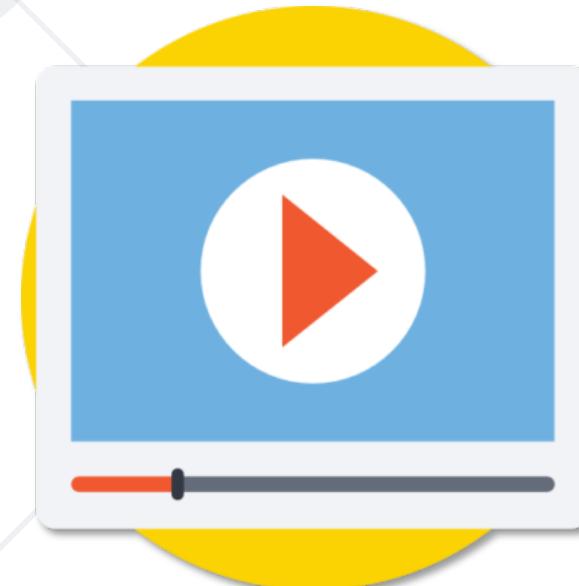
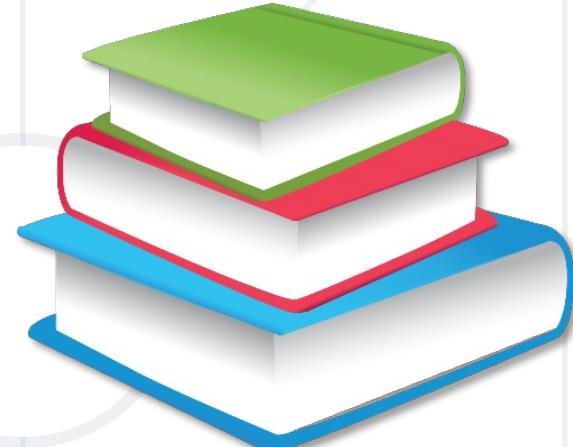
- Community Facebook group:

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



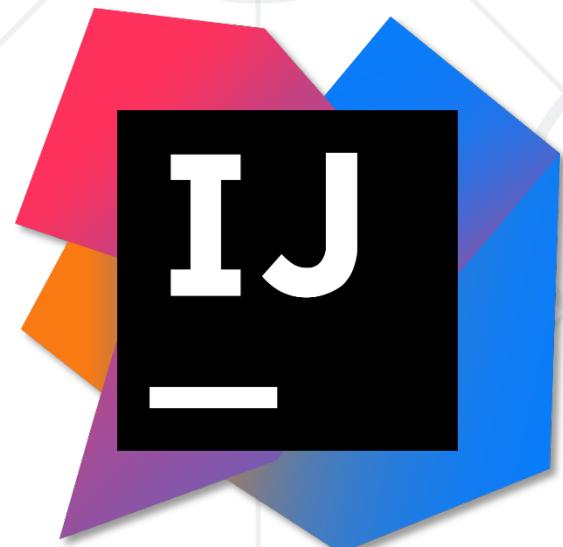
Java Advanced Slides and Videos

- 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



Java Recommended Software

- Software needed for this course:
 - Microsoft Windows 10
 - IntelliJ Idea - <https://www.jetbrains.com/idea/>

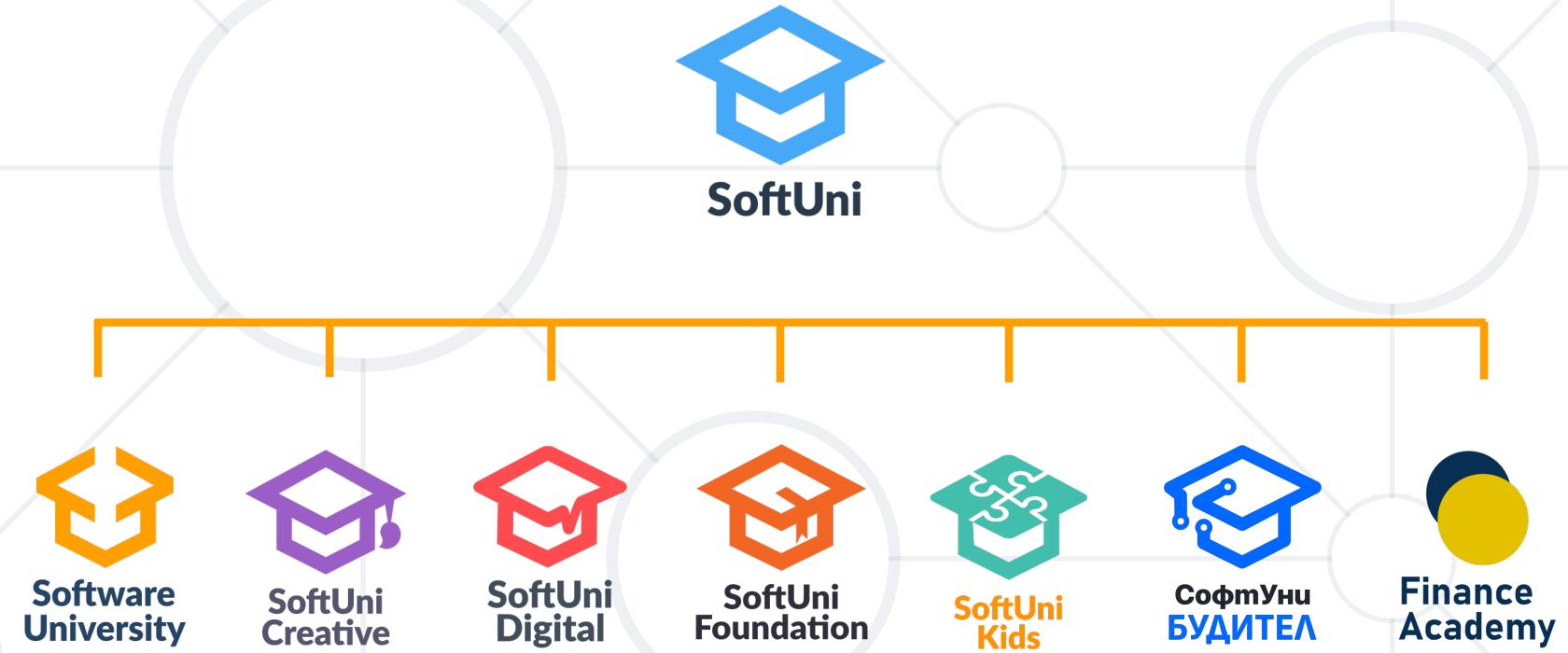


Learn to Search in Internet

- 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!



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
 - facebook.com/SoftwareUniversity



Software
University



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