Java Advanced

Course Introduction



SoftUni Team Technical Trainers







Software University

https://softuni.org

Have a Question?





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SoftUni Diamond Partners

































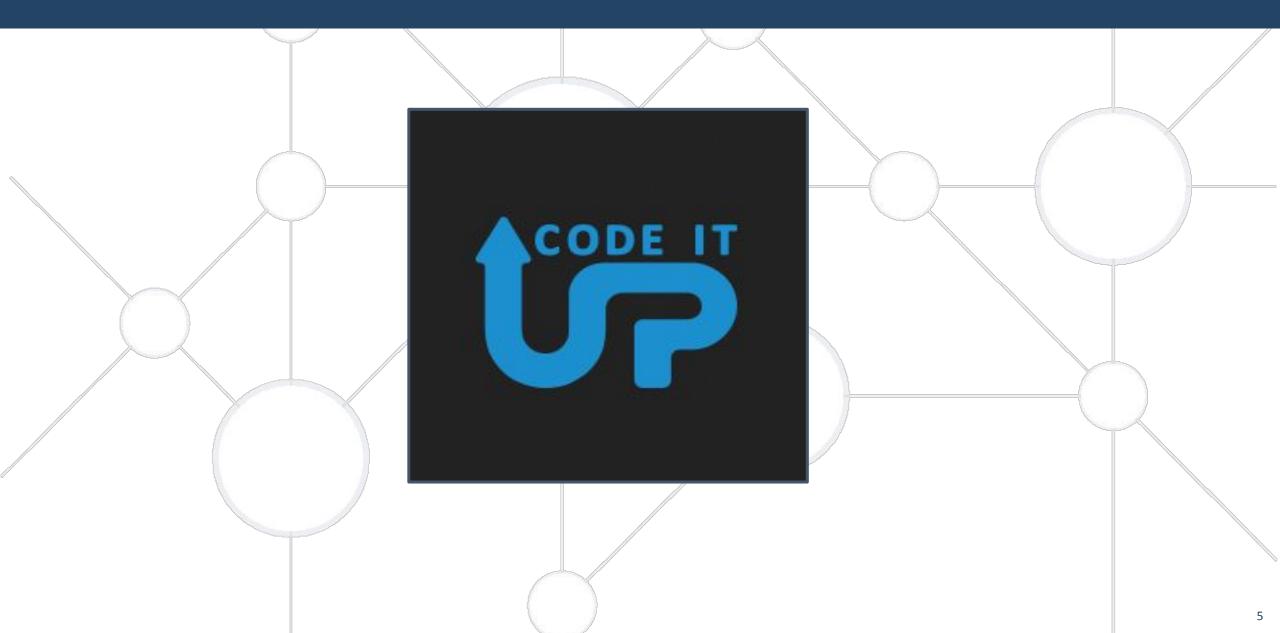






Educational Partners







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
- Defining Classes
- Workshop Create Simple Data Structure
- Generics
- Iterators and Comparators
- Functional Programming
- Workshop















Java Advanced Module – Timeline



Java Advanced Start Date

Java OOP Start Date

Re-take Exams

Java Advanced

6 weeks * 4 times / week

Start: Date

Final exam: Date

Java OOP

7 weeks * 4 times / week

Start: Date

Final exam: Date

Re-Take Exams

Java Advanced
Date

Java OOP
Date

SoftUni Certificate





Exam

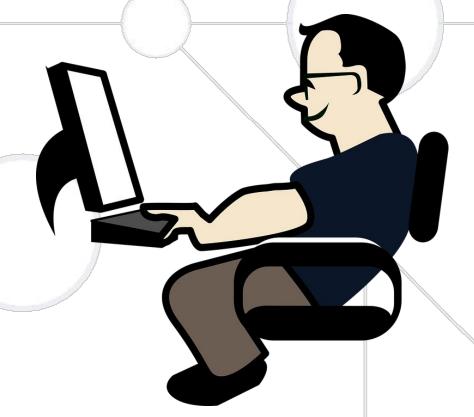


- Practical Programming Exam
 - 3 practical problems for 4 hours:
 - Code in Java
- Problem 1: Data Structures (Stack, Queues, Sets, Maps)
- Problem 2: Multidimensional Arrays
- Problem 3: Defining Classes

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





Java Advanced Course, Forum and FB Group

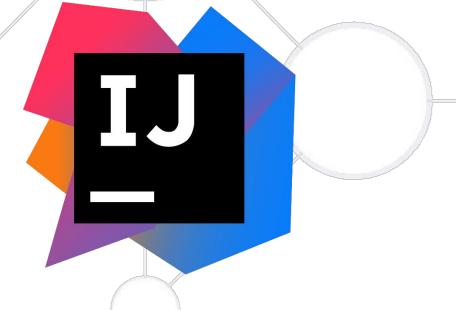




Java Recommended Software



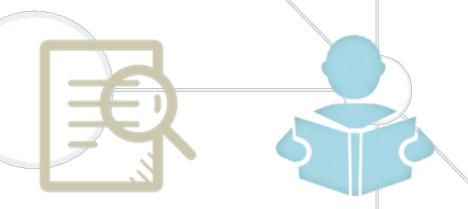
- Software needed for this course:
 - Microsoft Windows 10
 - IntelliJ Idea https://www.jetbrains.com/idea/



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!



Trainings @ Software University (SoftUni)



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 Profession and Job for Software Developers
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