Data Structures Fundamentals (with Java)

Course Introduction

SoftUni Team

Technical Trainers

Software University

SoftUni

Software University

https://softuni.bg/

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Have a Question?

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QA Sessions sli.do

#ds-java

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Educational Partners

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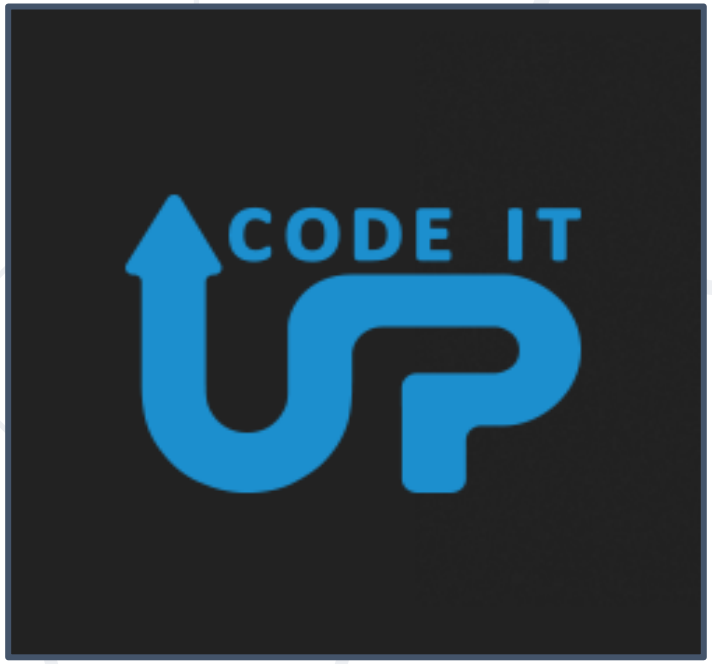

VIRTUAL RACING SCHOOL

Course Objectives

Course Objectives

- Working with data structures and analyze algorithmic complexity
- Implementing data structures
- Comparison between similar operations in different data structures
- Building solid knowledge base on data storage implementation details and optimization problems in real time environment

Practical Programming Exam

- Exam
  - 3 practical problems for **four** hours
    - Linear Data Structures
    - Basic Trees
    - Breath First Search, Depth First Search
    - Heaps
    - BST
    - Everything included in the course

Theoretical Exam

- You will have 30 minutes once you enter
- 20 questions with:
  - Multiple choice with only one correct answers
  - English
- Automated quiz system
- Available online at the day and time of the practical exam
  - You can submit your answers just once

The Team

Nikolay Bankin

- Software Engineer with many years of experience with various technologies
- Teacher at TUES
- Many years of experience as a Trainer
- He has worked with Scala, Akka, Java and JavaScript

Course Organization

Homework Assignments & Exercises

- Your homework:
  - Lesson days → slides + live demos + exercises + tests
- How to submit your homework?
  - For practical problems:
    Submitted in the **judge system**
  - For tests **https://quiz.softuni.bg/**
- Do your homework when it's due
  - Assignments pile up quickly

SoftUni Certificate

CPE Certificate

Course Web Site, Forum and FB Group

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- Official web site:

https://softuni.bg/trainings/3671/data-structures-fundamentals-with-java-february-2022

- Official discussion forum:

https://softuni.bg/forum

- Official Facebook group:

https://www.facebook.com/groups/DataStructuresFundamentalswithJavaFebruary2022/

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Questions?

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SoftUni Svetlina

SoftUni Creative

SoftUni Digital

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