C++ Advanced

Course Introduction

SoftUni Team

Technical Trainers

Software University

SoftUni

Software University

sli.do

#cpp-advanced

SoftUni Diamond Partners

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Course Objectives and Scope

C++ Advanced - The Curriculum

1. Stack and Queue
2. Stack and Queue - **Exercise**
3. Map and Set
4. Map and Set - **Exercise**
5. Multidimensional Arrays
6. Multidimensional Arrays - **Exercise**
7. Computer Memory, References and Pointers
8. Memory Management
9. Memory Management, References and Pointers - **Exercise**
10. Exam Preparation

Training Team

Doncho Angelov

- Director Enterprise Solutions @**Musala Soft**

- More than 15 years of experience as a **C ++ developer**

- Over 10 years as a **team leader** responsible for developing comprehensive applications

Homework

Homework

- **Exercises**
  - End Date: one day before the **Regular Exam**
  - Submitted through **https://judge.softuni.bg/** platform
- Do your homework when it's due
  - Assignments pile up quickly

Exam

Practical Exam

- **3 Tasks** to be solved in **4 hours**
  - The exam will cover all topics
- Automatically evaluated by the **Judge system**
- Support in **sli.do** during the exam

Theoretical Exam

- You will have **30 minutes** once you enter
  - Multiple-choice with **1** correct answer
  - English
- Automated quiz system
- Available during the **practical** exam and **30 minutes after it**
  - You can submit your answers just **one time**
  - You can navigate through the questions
  - **Advice**: Start it when you **finish** the **practical exam**

Course Organization

Course Timeline

13-May-2024   **16-Jun-2024**   **23-Jun-2024**

C++ Advanced

5 weeks * 2 times / week
9 credits

Start: 13-May-2024
Regular Practical Exam: 16-Jun-2024
Regular Theoretical Exam: 16-Jun-2024
Retake Practical Exam: 23-Jun-2024
Retake Theoretical Exam: 23-Jun-2024

SoftUni Certificate

Practical Exam 100%

Evaluation

Homework 5%

CPE Certificate

Practical Exam

Evaluation

Theoretical Exam

Course Web Site and FB Group

- Official web site:

  https://softuni.bg/trainings/4435/cpp-advanced-may-2024

- Official Facebook group:

  https://www.facebook.com/groups/cplusplusadvancedmay2024
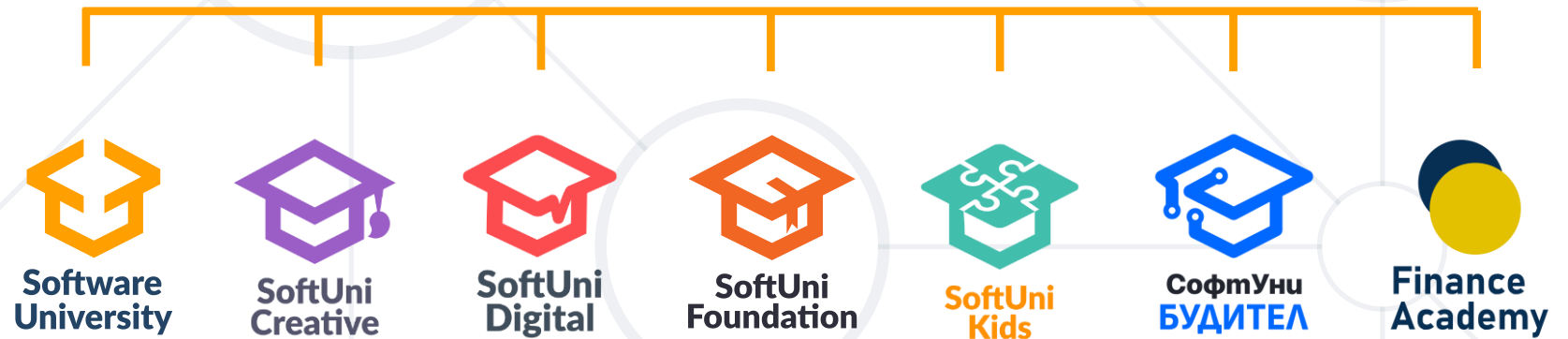
Learn to Search in Internet

- 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
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