

C++ Advanced

Course Introduction



SoftUni

SoftUni Team
Technical Trainers



Software University

<https://about.softuni.bg>

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sli.do

#cpp-advanced

SoftUni Diamond Partners

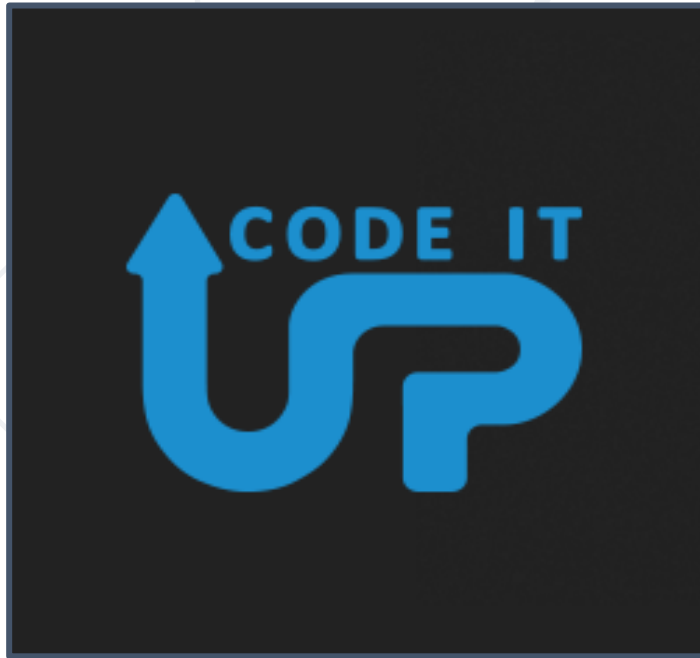


SCHWARZ



**SUPER
HOSTING
.BG**





VIRTUAL RACING SCHOOL





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





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

C++ Advanced Course Timeline

10-May-2022

18-June-2022

25-June-2022

C++ Advanced

**5 weeks * 2 times / week
9 credits**

**Start: 10-May-2022
Theoretical Exam: 18-June-2022
Practical Exam: 18-June-2022
Theoretical Exam Retake: 25-June-2022
Practical Exam Retake: 25-June-2022**







Training Team

- Manages the engineering organization of Pliant.io
- More than 15 years of experience as a C++ developer
- Over 10 years as a team leader responsible for developing comprehensive applications



Course Web Site, Forum and FB Group

- Official web site:

<https://softuni.bg/trainings/3658/cpp-advanced-may-2022>

- Official discussion forum:

<https://softuni.bg/forum/categories/731/cplusplus-advanced>

- Official Facebook group:

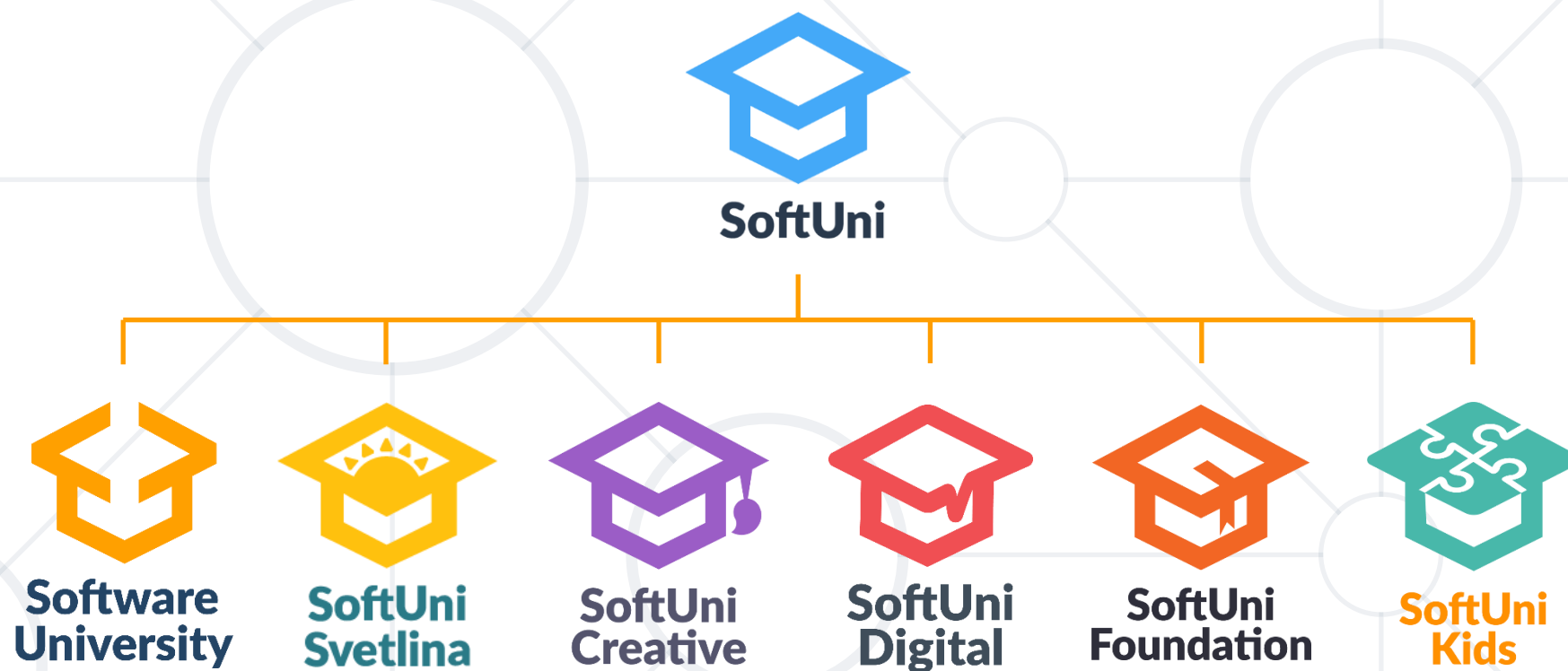
<https://www.facebook.com/groups/CplusplusAdvancedMay2022/>



- 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?



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