Course ◄ 🅰

🏠 ELEC-A7100
📖 Course materials
📊 Your points
🎥 Microsoft Teams 🔗
💾 Code Vault 🔗

This course has already ended.

ELEC-A7100 / 1. Basics / 1 Foreword

First round tasks as a `ZIP file.`

Foreword¶

This material is not intended as a complete reference about C, but just aims to contain sufficient information to get started with C programming. For additional and more complete information, it is recommended that you get a book that contains additional details about various aspects. A very commonly used reference is **"The C Programming Language"** by Brian W. Kernighan and Dennis M. Ritchie (currently at its 2nd edition). In this material we typically refer to this book by just as "the K&R book".

The book is available as an e-book through Aalto here.

An important part of the course (and generally, in learning C) is to do small programming exercises that are embedded within this material. The exercises are designed so that if you have read the text from the beginning without jumping around, you should be able to do the exercise with the information you have read until that point. Therefore, when you encounter an exercise, you could stop reading and try to do the exercise.

There are two types of tasks (including the round feedback):

- **Tasks** that will need your own programming environment in which you develop and test your program before submitting the source code to the server. These tasks can include multiple subtasks and each correctly implemented subtask will give you some points. However, if the compiler produces warnings, 50% of the points are deducted. Later on, points are also deducted if the valgring tool gives any errors.
- **Round feedback** You can get up to 5 points from the feedback tasks. Please, also note that you cannot get any help with the exercises through this section.
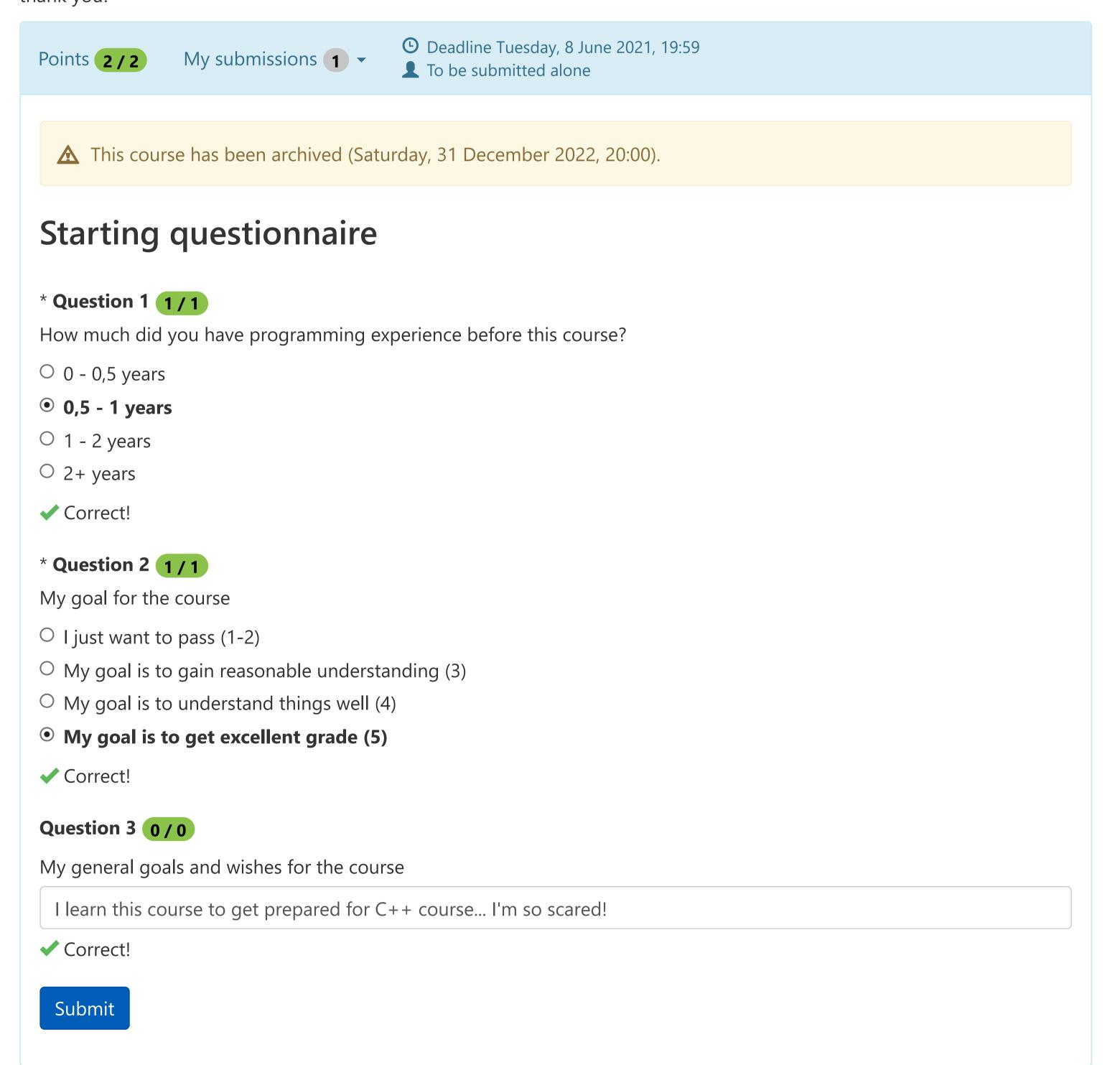
There is no limit to how many times one program can be returned and points are not deducted based on the number of returns.

Course is divided into ten sections. Each section has several tasks and you can get 100 points per section. All sections put together, course overall task score of 1000 will be formed.

The first section gives an introduction to C-language basics, fundamental data types, and use of functions.

Start-up questionnaire¶

We will investigate students' background and goals about this course. Please respond to below three questions about these, thank you!

Points **2 / 2**   My submissions **1** ▾   🕐 Deadline Tuesday, 8 June 2021, 19:59
👤 To be submitted alone

⚠ This course has been archived (Saturday, 31 December 2022, 20:00).

Starting questionnaire

* **Question 1** **1 / 1**

How much did you have programming experience before this course?

○ 0 - 0,5 years
◉ **0,5 - 1 years**
○ 1 - 2 years
○ 2+ years

✔ Correct!

* **Question 2** **1 / 1**

My goal for the course

○ I just want to pass (1-2)
○ My goal is to gain reasonable understanding (3)
○ My goal is to understand things well (4)
◉ **My goal is to get excellent grade (5)**

✔ Correct!

Question 3 **0 / 0**

My general goals and wishes for the course

```
I learn this course to get prepared for C++ course... I'm so scared!
```

✔ Correct!

[Submit]