Computer examination in

TDDD38 Advanced Programming in C++

Date 2020-06-03

Time 14-20

Department IDA

Course code TDDD38

Exam code DAT1

Staff

Teacher on call: Christoffer Holm (christoffer.holm@liu.se)
Will answer questions through Microsoft Teams or E-mail.
Examiner: Klas Arvidsson, 013-28 21 46 (klas.arvidsson@liu.se)
Administrator: Anna Grabska Eklund, 013-28 23 62

Grading

The exam consists of three parts. Complete solutions/answers to part I and part II are required for a passing grade. It is also required that you have submitted to the "Examination rules" submission in Lisam, which confirms that you swear to follow the rules.

The third part is designated for higher grades. It consists of two assignments. To get grade 4 you must solve one of these assignments. To get grade 5 you need to solve both.

Communication

- You can ask questions to Christoffer Holm (christoffer.holm@liu.se) through the chat in Microsoft Teams or by E-mail.
- General information will be published when necessary in Microsoft Teams through the team called `Team_TDDD38_Exam_2020_06_03`. Be sure to check there from time to time. A suggestion would be to turn on notifications in Microsoft Teams so you don't miss any important information.
- All communication with staff during the exam can be done in both English and Swedish.
- All E-mails must be sent from your official LiU E-mail address.
- In case of emergency call the teacher on call.

Rules

- You must sit in a calm environment without any other people in the same room.
- All types of communication is forbidden, the exception being questions to the course staff.
- All forms of copying are forbidden.
- You must report any and all sources of inspiration that you use. You may use cppreference.com without citing it as a source.
- When using standard library components, such as algorithms and containers, try to chose "best fit" regarding the problem to solve. Avoid unrelated/unnecessary computations and unnecessary data structures.
- C style coding is to be avoided.

- All concepts discussed during the course are OK to use.
- Your code must compile. Commented out regions of non-compiling code are acceptable if they clearly demonstrate the idea. Write a comment describing why that piece of code is commented out.
- You must be ready to demonstrate your answers to the staff after the exam if asked to.
- Failure to follow these rules will result in a *Failed* grade.

Submission

Submission will be done through Lisam on this page:
`https://studentsubmissions.app.cloud.it.liu.se/Courses/TDDD38_2020VT_OX/submissions`
You can also find this page by going to `https://lisam.liu.se`, navigating to the TDDD38 course page and clicking on "Submissions" in the left-hand side menu. There your should see the following submissions:

- 2020-06-03: Examination rules
- 2020-06-03: Partial submission (16:00)
- 2020-06-03: Partial submission (18:00)
- 2020-06-03: Final submission part I
- 2020-06-03: Final submission part II
- 2020-06-03: Final submission part III

Partial submission: On the marked times you must send in the current state of all your solutions (all files). *Failure to do so within 5 minutes of the marked time will result in a failing grade.* We do not expect complete or even compiling solutions at this point.
Suggestion: Set an alarm so you don't forget.

Final submission: When you are done with the exam, you must send in your solutions through "Final submission part I" and "Final submission part II". If you have attempted Part III you must also make a submission to "Final submission part III".

- Your solution(s) to part I should be source code files (.cc, .cpp, .h, .hh, .hpp).
- Your solution to part II should be a PDF document.
- Your solution(s) to part III should be one source code file per assignment and one PDF for your answers to all the questions presented in the assigments.
- The final submission must be submitted no later than 20:00.

When you have submitted your final submission in Lisam, make sure to send *all* of your files to `christoffer.holm@liu.se` and `klas.arvidsson@liu.se` by E-mail. This includes any .doc, .docx, .odt and .txt files. The subject line must be `COURSE: Exam 2020-05-09` where `COURSE` is replaced with either `TDDD38` or `726G82`.

Submitting through Lisam: Attach the files to your submission and press the submit button (it doesn't matter which one if there are multiple). You can select multiple files by holding Ctrl and clicking the files you want to attach.

You will be prompted "Do you really want to submit?". Double check that you have everything, and then press "Submit" on the popup.

You will then see a popup: "You will be redirected automatically when everything is finished" Once that has finished you will redirected to the submission page. You should also get a confirmation E-mail.

Agree to the examination rules

Before starting to work on Part I you must submit the message **"I have read and understood the rules of the examination, and I swear to follow those rules"** to the submission called "2020-06-03: Examination rules" in Lisam (see above).

Do this before starting the exam!