Data structures and algorithms, exam
(DIT962, DAT038, DIT182/3, DAT495, DAT525, TDA417)

Thursday 2025-08-21, 14:00–18:00

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We will visit each exam room twice.

Notes *Answer directly on the question sheets!*
If you need additional space, you can use extra pages.
Refer to them from the question sheet so that we don't miss them.

Write your anonymous code (not your name) on the first question sheet (and on all extra pages).

Don't tear out pages.

You may answer in English or Swedish.
You may write algorithms in pseudocode or your favourite programming language.

Excessively complicated answers may be rejected.
Write legibly, we need to be able to read your answer!

Questions and solutions will be published afterwards here:
https://github.com/ChalmersGU-data-structure-courses/past-exams

Allowed aids One *hand-written* A4 sheet of notes (double-sided).
If you make use of a sheet, you must hand it in along with your answers.

Review When the exams have been graded and shipped, they will be available for review and collection at the CSE Student Office during their opening hours.

If you want to discuss the grading, contact the examiner via email.
Remarks about the grading should be explained thoroughly. Attach a picture of your answer.

Grading The six basic questions are graded either **correct** or **incorrect**.
To pass the exam, you must correctly answer 5 of the 6 basic questions.

The three advanced questions are each awarded one of **0**, **1**, **2** advanced points.
For a higher grade, you must pass and also obtain a certain number of advanced points:

- 4: 2 out of 6 advanced points.
- 5: 4 out of 6 advanced points.
- VG: 3 out of 6 advanced points.

Good luck!