

Exam for DIT962 (and re-exam for DIT961, DIT181/2, DAT038, DAT495, DAT525, and TDA417)

Datastrukturer (och algoritmer)

2023-05-30 (Thursday), 14:00–18:00

Teachers DIT962 and DIT961: Alex Gerdes, 072-9744966
All other courses: Peter Ljunglöf, 0766-075561

We will visit exam rooms around 15:15 and 16:30.

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 every page.

You may answer in English or Swedish.

Excessively complicated answers might be rejected.

Write legibly — we need to be able to read your answer!

You can take this cover page home after the exam.

Questions and solutions will be published afterwards here:

<https://github.com/ChalmersGU-data-structure-courses/past-exams>

Allowed aids One *hand-written* sheet of A4 paper of which you may use both sides.
If you make use of a sheet, you must hand it in along with your answers.

Exam review When the exams have been graded, they will be available for review in the CSE Student Office at Johanneberg (EDIT floor 6) or Lindholmen (Jupiter floor 4), depending on where your course was originally given.

If you want to discuss the grading, you can contact the examiner via email. Any possible remarks about the grading should be explained thoroughly. If needed, you can attach a picture of your answer. Leave the exam at the Student Office!

Grading See opposite side.

Good luck!

Grading

There are **6 basic questions** and **3 advanced questions**. The answers to the basic questions are graded either **correct** or **incorrect**. The answers to the advanced questions are awarded 0, 1 or 2 points.

- To pass the exam, you must pass 5 of the 6 basic questions.

If your course uses the Chalmers grading scale:

- To get a four, you must **also** be awarded at least 3 points for the advanced questions.
- To get a five, you must **also** be awarded at least 5 points for the advanced questions.

If your course uses the GU grading scale:

- To get a VG, you must **also** be awarded 4 points for the advanced questions.

If you pass all basic questions, you need **one less** point from the advanced questions.

If you are incorrect on a basic question, but correct on an advanced question of the same theme, we **may** decide to count that advanced question as a basic one.

Grade	Correct answers needed
3/G	≥ 5 basic
4	5 basic + 3 advanced OR 6 basic + 2 advanced
VG	5 basic + 4 advanced OR 6 basic + 3 advanced
5	5 basic + 5 advanced OR 6 basic + 4 advanced