

Exam for DIT962 (and re-exam for DIT961, DIT182, DAT038, DAT495, DAT525, LET375, and TDA417)

Datastrukturer och algoritmer

2023-06-01 (Thursday), 14:00–18:00

Teachers (DIT962 and DIT961) Alex Gerdes, tel. 072-9744966
(all other courses) Peter Ljunglöf, tel. 0766-075561
(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 English dictionary for DIT962 and DIT961. For the rest: none.

Exam review When the exams have been graded, they are available for review in the CSE student office on Floor 4 in the EDIT building at Johanneberg.

If you want to discuss the grading, please come to the exam review:
Wednesday, 21 June, 10–12, in EDIT 5128.
In that case, leave your exam in the student office until after the review.
We will bring all exams to the review meeting.

Afterwards, the exams can be collected from the respective student office
(DIT181/2, DAT495, LET375: Lindholmen; the rest: Johanneberg).

Grading See opposite side.

Good luck!

Grading

There are **8 basic questions** and **4 advanced questions**.

The answer to each question is graded either **correct** or **incorrect**.

- To pass the exam, you must pass 6 of the 8 basic questions.

If your course uses the Chalmers grading scale:

- To get a four, you must **also** pass 2 of the 4 advanced questions.
- To get a five, you must **also** pass 4 of the 4 advanced questions.

If your course uses the GU grading scale:

- To get a VG, you must **also** pass 3 of the 4 advanced questions.

If you pass all basic questions, you need **one less** advanced question.

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	≥ 6 basic
4	6 basic + 2 advanced OR 8 basic + 1 advanced
VG	6 basic + 3 advanced OR 8 basic + 2 advanced
5	6 basic + 4 advanced OR 8 basic + 3 advanced