

Exam for DAT038, TDA417 and DAT525

(Re-exam for DAT495, LET375, DIT181+182, DIT961)

Datastrukturer och algoritmer

Thursday, 2023-01-12, 14:00–18:00

Teachers Peter Ljunglöf, tel. 0766–075561, Nick Smallbone, tel. 0707–183062
(will visit Johanneberg exam rooms around 15:00 and 16:30)

DIT181+182: Christian Sattler, tel. 0723–526145

Notes *Answer directly on the question sheets.*

If you need additional space, you can use extra papers.
Please refer to the extra pages from the question sheet!

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.

The questions and solutions will be published here after the exam is over:

<https://github.com/ChalmersGU-data-structure-courses/past-exams/tree/main/2023-01-12>

Allowed aids None.

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

If you want to discuss the grading, please come to the exam review:

Friday 27 January 13:15–16:00, in room EDIT 6217.

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
(DAT495, LET375, DIT181+182: 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.

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

