Exam for DAT038 and DAT525

Re-exam for TDA417, DAT495, DIT182
and earlier versions of those courses
Datastrukturer och algoritmer

Thursday, 2024-01-11, 14:00–18:00

Teacher   Peter Ljunglöf, tel. 0766–075561.
(Will visit exam rooms around 15:00 and 16:30)

Notes   *Answer directly on the question sheets unless told otherwise.*

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 the first page of
the question sheet and on every extra page you hand in.

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   None.

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

There will be an exam review Wednesday 31 January 10–12, in room 6217.

After the exam review the exams for DAT495 and DIT182 will be available to
collect in the CSE student office at Lindholmen.

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 U/3/4/5 grading scale:

- To get a four, you must **also** pass **2** of the 4 advanced questions.
- To get a five, you must **also** pass **3** of the 4 advanced questions.

If your course uses the G/VG grading scale:

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

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