

# Data structures and algorithms, reexam

(DIT961/2, DIT181/2, DAT038, DAT495, DAT525, and TDA417)

2023-08-22 (Thursday), 14:00–18:00

---

<b>Teachers</b>	DIT962 and DIT961: Alex Gerdes, 0729–744966 All other courses: Jonas Duregård, 031–772 1028  We will visit exam rooms around 15:15 and 16:30.
<b>Notes</b>	<i>Answer directly on the question sheets!</i> 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 page of the question sheet (and on all extra pages).  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: <a href="https://github.com/ChalmersGU-data-structure-courses/past-exams">https://github.com/ChalmersGU-data-structure-courses/past-exams</a>
<b>Allowed aids</b>	One <i>hand-written</i> 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.
<b>Exam review</b>	When the exams have been graded, they will be available for review in the CSE Student Office at Johanneberg (EDIT floor 6).  If your course was originally given at Lindholmen (DIT18X, DAT495), the exams will be moved after a couple of weeks to the Lindholmen Student Office in Jupiter floor 4.  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!
<b>Grading</b>	See opposite side.

**Good luck!**

## Grading

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

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

If your course uses the 3/4/5 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 G/VG 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.

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