



Examination Midterm Winter 2025 CS 240

Special Materials

Candidates may bring only the listed aids.

- Study Notes - Double-Sided 8.5x11 (One hand-written or printed sheet. Hand in with the exam.)

Please print in pen:

Waterloo Student ID Number:

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WatIAM/Quest Login Userid:

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Times: Thursday 2025-02-27 at 16:30 to 18:20 (4:30 to 6:20PM)

Duration: 1 hour 50 minutes (110 minutes)

Exam ID: 6058559

Sections: CS 240 LEC 001,002

Instructors: Olga Veksler

Guidelines:

Prob.	Mark	Max
1		11
2		12
3		6
4		4
5		5
6		4
7		5
8		3
9		3
10		4
11		4 (bonus)
Total		57

- No calculator or any other aids allowed.
- Write your answer in the space provided. You should not require extra space.
- If you do need more space, you may use the extra pages at the back of the exam. Indicate clearly at a question's page if you have done so. Only QR-coded pages from this booklet will be marked.
- You may use any result or algorithm from lectures or assignments without proof.
- Proctors will not answer questions. In case of a perceived ambiguity, clearly state your assumptions.
- Students may not leave the examination room during the first 60 or the final 10 minutes.
- Logarithms are base 2, unless stated otherwise.
- Sign here in pen:

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