



### Examination Midterm Winter 2025 CS 240E

### 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: 6058357

Sections: CS 240E LEC 001

Instructors: Therese Biedl

- Proctors will not answer questions. In case of a perceived ambiguity, state your assumptions clearly.
- You may use any result from lectures, assignments or tutorials without proof.
- Write your answer in the space provided. You should not require extra space.
- If you do need more space, you may use the extra page 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.
- Each question will tell you whether you need to justify the answer. Even if no justification is needed, it is a good idea to show some of your work for a chance at part-marks in case of minor errors.

Question	1	2(a-e)	2(f-i)	3(a-c)	3(d-e)	3(f-i)	4(a)	4(b-c)	5	6	7	8	Total
Marks	10	5	4	11	6	8	3	8	5	6	5	7	78

Signature (in pen): \_\_\_\_\_