CS 473: Algorithms, Fall 2023

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Midterm I: September 28, 7-9pm, 2023, Loomis 151

Version: **0.9999999**

Name:	
Netid:	

- This is a closed-book, closed-notes, open-brain exam. If you brought anything with you besides writing instruments and your **handwritten** $8\frac{1}{2}'' \times 11''$ cheat sheet, please leave it at the front of the classroom. The cheat sheet can not be printed or a photocopy.
- Please **print** your name, and netid in the boxes q above. Print your name at the top of every page (in case the staple falls out!).
- **You should answer all the questions on the exam.**
- The last page of this booklet is blank. Use that for a scratch paper. Please let us know if you need more paper.
- Please submit your cheat sheet together with your exam.
- If you are NOT using a cheat sheet you should indicate it in large friendly letters on this page.
- There are 4 questions on the exam. Each question is worth 25 points.
- There is **NO** credit given for IDK ("I don't know").
- Write your exam using a pen (please do not use an invisible ink or a pencil).
- Time limit: 115 minutes.
- Relax.

'Would you know how to calculate the diameter of the globe?'

'No, I'm afraid I wouldn't,' answered Svejk, 'but I'd like to ask you a riddle myself, gentlemen. Take a three-storied house, with eight windows on each floor. On the roof there are two dormer windows and two chimneys. On every floor there are two tenants. And now, tell me, gentlemen, in which year the house-porter's grandmother died?'

– The Good Soldier Svejk, Jaroslav Hasek