CSCI2467: Systems Programming Concepts Midterm review

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Reminder of course grade system

Grading scale:

- **A** 360-400 points
- **B** 320-359 points
- **C** 280-319 points
- **D** 240-279 points
- $F \le 239$ points

Final exam date:

Friday May 8 10:00am-12:00pm

- Assignments (50%): There are a total of five labs, each weighted 10%.
 - Each lab contributes 40 points to your final score.
- Exams (50%): Midterm and final exam are weighted 25% each.
 - Each exam contributes 100 points to your final score.

This semester's final exam

- As you know, UNO's campus is closed for safety purposes, so we will not meet in person
- Our written (paper) test will not be appropriate today
- We have designed a new format which is mostly of the "take-home" variety
- The exam will have three (3) sections, one (1) of which will be "normal" questions on the test day (May 8)
- Two (2) sections will be "take-home" so you will have approximately one week to complete them
- For these two sections, you will have a choice between a programming activity or a written activity
- In all cases, you will submit your work to Autolab

topics

Your choices on AutoLab



- You will choose *only one* of the attacklab/security topics (first two):
 re-solve attacklab using pwntools (Python programming)
- watch videos of certain talks on topics similar to what we studied in attacklab, and submit a written review according to the format we set
- You will choose only one of the caching/systems topics (second two):
- Cache lab: understanding memory performance (C programming)
- watch videos of certain talks on systems topics similar to what we saw in class, and submit a written review according to the format we set

Your choices on AutoLab

- You may choose to do two programming tasks, or two writing tasks, or one of each
- You must choose to do one from each category, not both of a single category
- Programming assignments:
- submit one file of code (either Python or C) to Autolab
- as always, you **must** include comments with full explanations of your work, or you will receive **no** credit! The comments are what we are grading.
- Writing assignments:
- 2-3 pages of text (not including references)
- must be submitted to Autolab in PDF format