Montana State University
CSCI 460 – Operating Systems
Fall 2020
Exam #2

Print your name: _____

Print your Net ID: _____

<p style="color:red; text-align:center">NOTE: The use of search engines is not allowed while taking this exam.</p>

By submitting this exam, I make the following truthful statements:

- I have not received, I have not given, nor will I give or receive, any assistance to another student taking this exam, nor have I discussed the exam with past students of this course.

- I will not use any non-instructor approved materials to assist me on this exam, *including search engines*.

- I will not plagiarize someone else's work and turn it in as my own.

- I understand that acts of academic dishonesty may be penalized to the full extent allowed by the Montana State University Student Code of Conduct, including receiving a failing grade for the exam and/or course. I recognize that I am responsible for understanding the provisions of the Montana State University Student Code of Conduct as they relate to this academic exercise.

Please read the directions carefully! *...then read them again!*

- Please upload your completed exam (as a PDF) to **GradeScope** no later than **11:59PM (MST)** on **Friday, November 20, 2020**. *This is a hard deadline.* Late submissions will receive an automatic 0 for this exam.

- Regarding your submission:
  - The document structure is critical for GradeScope to scan and organize your exam correctly. Be sure that you upload *the entire exam* (including the cover pages). Furthermore, please do not alter the PDF template/format (e.g., add/remove pages).
  - Please do not copy/paste the PDF content into, for example, a Google Doc or a Word document, and complete the exam that way. Doing so has led to weird formatting issues in the past.
  - Please do not highlight/change the color of multiple choice fields to indicate your response. If you do so, GradeScope will not accurately identify your responses, which will likely result in you losing points.
  - If you write any solutions by hand, please write legibly so that we can read your solutions.
  - Ensure that your answers stay within the allotted region.
  - Hand in only what you want graded. (We do not want your scrap paper.)

- Do **not** post questions to public channels on Slack regarding this exam. You may send Travis a DM on Slack or an email if you have a question. Travis will make public announcements with clarifications if needed.

- Read each question carefully and make sure that you answer everything asked for.

- You will be graded on correctness, efficiency, and clarity. Please be as concise as possible while ensuring that your solutions sufficiently address each problem.

- We suggest that for solutions that require you to write code, you include comments. They will help your grader understand what you intend, which can help you get partial credit.

- *Attempt every problem!* We can't (and won't) assign partial credit if you don't show us your work.
  (Some points are better than no points, am I right?)

Question	Value	Type	Score
1	30	*multiple choice*	
2	20	*short answer / work small problems*	
3	10	*read and analyze some code*	
4	20	*misc. e.g., draw/annotate a sketch and explain*	
5	20	*misc. e.g., draw/annotate a sketch and explain*	
Total	100		

A Note About Permissible Resources:
This exam is open book, open slides, open demo code, open computers/phones (for using IDEs and terminals or accessing our course website and approved resources), but **closed everything else**. To be clear: **you are not permitted to use other resources on the Internet, such as search engines, while taking this exam!** Furthermore, during this exam you are **not** permitted to consult with other students (past or present). Anyone found violating this directive will receive an automatic 0 for this exam and will be reported to the university.

A Note About Assumptions:
You cannot change problems by assuming things we have not specified. In cases where we ask you to solve problems that involve writing code, make sure to provide definitions for code that you don't write, but that your code depends on. If you have clarifying questions, please ask!

Solutions that make invalid assumptions, in turn modifying the problem we are asking, will receive 0 points.

A Note About My Re-Grade Policy:
Requests for re-grades are acceptable. Note, however, that I have a particular philosophy around this topic. Grading mistakes (unfortunately) happen. Sometimes they are against your favor, but sometimes they are in your favor. Thus, if you request a re-grade – even for one question – I will re-grade the entire exam.

This policy is not meant to be overtly harsh; rather, it is meant to be an acknowledgement that mistakes can be made that both negatively and positively impact your grade. Furthermore, this policy encourages students to carefully review their exams and assess whether or not they believe the grade is a fair reflection of their overall performance on the exam.

Of course, if you believe that a mistake has been made, please let me know so we can get it corrected. Also, if you believe there are accounting errors (e.g., points were incorrectly added up), let me know – those are easy to fix ;)

Easter Egg: Once you have read this, please post your favorite quote to the *#general* channel in Slack.