Print your name: ____________________________

- This exam is closed books, closed computers/phones, closed neighbors. You are permitted to bring a single, hand-written, 8.5”x11” cheatsheet (double-sided is OK).

- If you need more space to answer a question than we give you, you may use the backs of pages or you may use additional sheets of paper and attach them to the exam. Make sure that we know where to look for your answer!

- Read each question carefully and make sure that you answer everything asked for. Write legibly so that we can read your solutions. Please do not write anything in red.

- 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.

- You will be graded on correctness, efficiency, and clarity.

- Hand in only what you want graded. We do not want your scrap paper unless it contains solutions you want us to grade.

- Please do not unstaple the pages of your exam. Also, please write your name on every page (just in case . . ).

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

<table>
<thead>
<tr>
<th>Question</th>
<th>Value</th>
<th>Type</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>20</td>
<td>multiple choice</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>20</td>
<td>short answer</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>20</td>
<td>work small problem(s)</td>
<td></td>
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<tr>
<td>4</td>
<td>20</td>
<td>read and analyze some code</td>
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<tr>
<td>5</td>
<td>20</td>
<td>misc. e.g., draw/annotate a sketch and explain</td>
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<tr>
<td>Total</td>
<td>100</td>
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