Important Instructions
1. Ensure that this booklet contains 21 pages, and that you have a double-sided Reference Sheet.
2. Each page of the exam contains a QR code in an upper corner. Do not write on or near this square. The page may not be marked if you write on or too closely to this code.
3. All coding questions must be completed using Python 3.
4. See the Reference Sheet for information about useful Python language features. You may also use language features not listed on the Reference Sheet, as long as they were discussed in class and were allowed to be used on assignments. No additional information will be provided about these functions.
5. Supply exactly the parts of the design recipe requested in each question.
6. Follow the CS116 style guidelines for your solutions.
7. Unless indicated otherwise, you may use a helper function where you feel it is needed. For each helper function, you are only required to write the function definition (header and body).
8. If you need more space to complete a question, use one of the last pages and indicate in the question where it is continued.
10. Read each question carefully to determine if a specific approach must be taken or if there are specific restrictions on your solution (for example, iteration or recursion).
11. Good Luck