Important Instructions
1. Ensure that this booklet contains 10 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 is to be completed using Python 3.
4. See the Reference Sheet for information about useful Python language features. You may use language features not listed on the Reference Sheet, as long as they were discussed in Modules 01–05 or were permitted on Assignments 01–05. In particular, **loops are not allowed.**
5. Follow the CS 116 style guidelines for your solutions.
6. For Questions 2, 6, 8, 9 and 10, only implement the function. Other parts of the design recipe are not required.
7. Unless indicated otherwise, you may use a helper function or `lambda` where you feel it is needed. Helper functions should be defined separately from required functions (before or after is acceptable). 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 the last two pages and indicate in the question where it is continued.
9. **Read each question carefully to determine if a specific approach must be taken or if there are specific restrictions for your solution.**