

Name: \_\_\_\_\_ **SOLUTION** \_\_\_\_\_ CM: \_\_\_\_\_ Section: \_\_\_\_\_ Grade: \_\_\_\_\_ of 10

1. **True** / False (circle one): When my program runs but a test fails, I should re-work the first failed test by hand.
2. **True** / False (circle one): When my program runs but a test fails, adding *print* statements to my code at each step may help me see if the computer is doing what I thought it should do.
3. When is Exam 1 -- what day, and during what times? (Follow the link to Exam 1 in its Session on the course Home Page.)

**See the information at the link.**

4. What 3 things must I complete as my Admission Ticket for taking Exam 1?
  - The 05a-Debugging project.
  - The 05b-Exam1Practice project.
  - The Paper-and-Pencil practice problems.
5. Where are the Practice Paper-and-Pencil problems AND their solutions?
  - In the exam information reached by following the link to Exam 1 information in its Session on the Home Page. On the exam information page, look under the Admission Ticket section..
6. How many pages may I use for my "Hint Sheet" for the Paper and Pencil part of Exam 1.

**One 8.5 x 11 (or A4) sheet of paper, one side only.**

7. Get into a group of 3 or 4 students. Brainstorm ideas for what might be helpful to put on your Hint Sheet for the Paper and Pencil part of Exam 1. Write your ideas below.

**Many possibilities including:**

- Your solutions to problems from the excellent Before-the-Session quiz from Session 5.
- Your solutions to the problems labelled KEY problems in the practice Paper-and-Pencil problems.
- Examples of how `for k in range(blah):` works.
- Definitions and examples of **constructing instances** of a class; **calling methods** of an object; **accessing instance variables** of an object.
- The distinction between the notations for **calling a function** and **calling a method**.
- Examples of **summing**, **counting**, and **accumulating in graphics**.
- Examples of **tracing code by hand**.
- The distinction between **RETURN** and **PRINT**.
- **What constitutes a TEST of a function**.
- What is a Unit Test? Why do Unit Tests?
- What is Test-First Programming? Why do it?