

1. (1pt) **Name:** _____

INSTRUCTIONS: Carefully read each question, and write the answer in the space provided. If answers to free response questions are written obscurely, zero credit will be awarded. The correct answer to a free response question with a short answer (i.e., one word or phrase) will never contain any significant words used in the question itself (i.e., “crossword rules”). You are permitted to use any **hand-written** notes (including “hand-written” on e.g., a tablet, as long as you did the writing) from our last class; all other aids (other than your brain) are forbidden. Questions may be brought to the instructor.

For **TRUE** or **FALSE** and multiple choice questions, circle your answer.

To get credit for this question, you must:

- Print your name (e.g., “Martin Kellogg”) in the space provided on this page.
- Print your UCID (e.g., “mjk76”) in the space at the top of **each** page of the exam.

	Writing your UCID on every page:	_____ / 1
	I. Very Short Answer:	_____ / 4
Contents (blanks for graders only):	II. Short Answer:	_____ / 5
	III. Extra Credit:	_____ / 0
	Total:	_____ / 10

I. Multiple Choice and Very Short Answer (4pts). In the following section, either circle your answer (possible answers appear in **bold**) or write a very short (one word or one phrase) answer in the space provided.

2. (1pt) **TRUE** or **FALSE**: Cool class definitions must correspond 1 to 1 with .cl source files.

3. (1pt) Which of the following arithmetic operators is **not** present in Cool?

- A** <
- B** +
- C** =
- D** >

4. (1pt) Which of the following is **not** a built-in class in Cool?

- A** IO
- B** String
- C** Array
- D** Bool

5. (1pt) **TRUE** or **FALSE**: identifiers in Cool are case-sensitive.

II. Short answer (5pts). Answer the questions in this section in the space provided.

6. (5pt) Write a Cool program that prints each number from 1 to 10 on a new line. Instead of the number “7”, print the word “Fozzle”.

III. Extra Credit. Questions in this section do not count towards the denominator of the exam score.

7. (1pt) Name a programming language paradigm other than “imperative”, “structured”, “functional”, or “object-oriented”. Then, give an example of a language that supports that paradigm.