Your name:

Due: Wednesday, August 21

Instructions: Review the course honor policy for written homeworks.

This cover sheet must be the front page of what you hand in. Fill out the left column in the table to the right after we go over each problem in class, according to the rubric below.

This rubric is also on the website, in more detail, under “Other Stuff” → “Grading Rubrics”.

Make sure all problems are submitted IN ORDER.

- 5: Solution is completely correct, concisely presented, and neatly written.
- 4: The solution is mostly correct, but one or two minor details were missed, or the presentation could be better.
- 3: The main idea is correct, but there are some significant mistakes. The presentation is somewhat sloppy or confused.
- 2: A complete effort was made, but the result is mostly incorrect. There may be some basic misunderstandings of the topic or the problem.
- 1: The beginning of an attempt was made, but the work is clearly incomplete.
- 0: Not submitted.

Comments or suggestions for the instructor:

What other students did you work with?

Citations (be specific about websites):
1 Comparing andContrasting Languages

List the programming languages you are familiar with or have used before. For each one, answer the following:

a) What are the most important features or characteristics of this language?
b) For what purposes is this language most useful?
c) What are drawbacks to programming in this language?

2 Course Policy

Read over the course policy. Tell me one thing that you like or that you don’t like about it.
3 Stages of Compilation

List the main stages of compilation, from source code to an executable program. (This is not too hard to find in your textbook.)

An interpreted language is one like bash or PHP that is directly executed instead of being compiled. Circle which stages in your list would be significantly different for an interpreted language.

4 Errors

Give me a code snippet that causes some kind of error. Do you think it is an error in syntax or semantics, and why?

Requirement: Everyone must turn in a unique example. You can work together, but you still need to come up with as many examples as Midshipmen!