

CSCI 330
Homework 1
Programming Language Evaluation Criteria

Please answer the following questions, giving your opinion backed up by your reasoning. Submit this via D2L as either plain text or pdf (please do not submit .doc files or other formats). Pay attention to the point distribution – I am expecting more detail on question 3 than question 1, for example.

- 1) (5 pts) What common programming language **statement**, in your opinion, is most detrimental to readability and why do you think that? (Programming language statements include things like if-then-else, switches, for loops, while loops, gotos, assignment statements, procedure calls, and so forth.)
- 2) (15 pts) How does case-sensitivity (distinguishing between upper- and lowercase) in **identifiers** affect the three criteria of readability, writability, and reliability? Are there both pros and cons?
- 3) (25 pts) Write an evaluation of a programming language of your choice, using the criteria of readability, writability, and reliability. Provide as many reasons or justifications for your evaluation as possible based on your existing knowledge (you don't need to do a lot of outside research). We will revisit this same evaluation at the end of the semester to see if you can improve it, or if it has changed.