

# CSE341 – Programming Languages (Fall 2023)

## Homework #1

**Hand-in Policy:** Submit your essay in PDF form to the class Teams page. No late submission will be accepted.

**Collaboration Policy:** No collaboration is permitted. Any cheating (copying someone else's work in any form) will result in a grade of -100 for the first offense and -200 for the subsequent ones.

**Grading:** This homework will be graded on the scale 100.

---

Write an essay analyzing two programming languages you know.

Requirements:

1. Compare and contrast two languages.
  - a. For most of you, the two languages would be C and C++ or Java. You must choose languages from two different paradigms (e.g., procedural and object oriented).
  - b. Your analysis should consider syntax (including choice of tokens, punctuations etc.), semantics (types, controls, etc.) and others (availability, efficiency, learning curve, etc.).
2. Your essay should:
  - a. have at least 2500 words (and at most 3500 words).
  - b. be double spaced in "Times New Roman 11pt" typeface.

Hand in your essay in a single PDF file named `number_lastname_firstname_hw1.pdf`. For example, if your name is Alan Perlis, student number is 123456789, then you should submit your file as `"123456789_Perlis_Alan.pdf"`.