Select two of the following programming languages:

- Pascal
- Modula 3
- CLU
- Ada
- Fortran
- Matlab
- Labview
- JavaScript
- Smalltalk
- Objective C
- Go
- Lua
- Ruby
- Python
- PHP
- Perl
- Lisp
- Scheme
- Clojure
- Haskell
- Prolog
- Standard ML
- Objective Caml
- F#
- Basic
- SQL
- Forth
- PostScript

If you want to select a language not on this list, ask the instructor. Email the instructor your choices by 6 April.

Write a paper of about 2000–3000 words and:

- Briefly describe the history of each language.
- Briefly describe the main features of each language.
- Compare and contrast the features of the two languages, including data and control structures, the main programming abstractions, typing rules. Concentrate on novel or unique features of the languages. Give examples.

Cite all your sources. All sources must be published in print. Wikipedia does not count.

Turn in a hard copy of your paper on or before the due date.

To pass the course, you must receive at least a 70% on this paper. If you fail on the paper, you will have another chance to resubmit the paper—the original grade will be used to compute your final grade for the course; the new grade will be used to determine if you achieved 70%.