Thurs, 4 February: Unit 3 Assignment

- Read <u>Unit 3 papers</u> (in file drawer) by Thursday 11 Feb:
  - Barnes, Liskov, Wulf, Wulf, Shaw
    - Ada, Clu, Trends, Globals, Abstraction

- Writing: none this week. Instead, be exploring project ideas.
  - Be prepared to discuss in class on Tuesday, 9th

Today's Topics

- Quick Finish on Principles
- Imperative Languages
  - FORTRAN
  - ALGOL60
  - PL/I
  - ALGOL68
  - Pascal
  - C

Sample Project

- Languages: CLU, Haskell, Icon, APL, Cecil, Sather, Eiffel, Self
  - choose one
- Sample questions to answer:
  - What are the most notable features of your language? Show us they work.
  - What are the influences on your langauge?
    - What is its history in general?
    - How were the features form (1) influenced?
  - What problem domains is your language good for? Bad for? Why?
    - Support arguments with code.
  - What were the language designer's goals?
  - How well does your language meet the language designer's goals?
  - What would you do to improve the language
    - support with examples.