Persistence

- **In Programs**
  - achieved by
    - » saving data with the program (LISP, . . .)
      - no sharing, program files grow
  - by writing files
    - » another program(mer) needs to know the format
      - sequential sharing
- **In Databases**
  - by default
    - » enables sharability
  - format described through shared schemas
    - » efficient for small data units
    - » effective for small programs (transactions)