

## Outline for February 21, 2008

1. Compiler-based flow mechanisms
  - a. Scalar declarations
  - b. Array declarations
  - c. Assignment statements
  - d. Compound statements
  - e. Conditional statements
  - f. Iterative statements
  - g. Goto statements
  - h. Procedure calls
  - i. Exceptions and infinite loops
  - j. Semaphores
  - k. Cobegin/coend
  - l. Soundness
2. Execution-based flow mechanisms
  - a. Fenton's Data Mark Machine
  - b. Variable classes
3. Examples
  - a. Security pipeline interface
  - b. Secure network server mail guard