Outline for December 2, 2014

Reading: *text*, §16, 10   **Assignments due:** Homework #4, due December 10, 2014 at 11:55pm

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
4. Key Exchange
   a. Needham-Schroeder and Kerberos