

## Lecture 18 Outline

**Reading:** *text*, §16.3–16.4

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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. Fentons Data Mark Machine
  - b. Variable classes