

## Outline for November 22, 2023

**Reading:** *text*, §17.1, 17.3

**Assignments:** Homework 4, due November 22;  
Project Progress Report, due November 22

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1. Entropy-based analysis
  - (a) Flow of information from  $x$  to  $y$
  - (b) Implicit flow of information
2. 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