

## Outline for November 21, 2025

**Reading:** *text*, §17.3–17.6

**Due:** Homework 4, due November 21; Completed Project, due December 9

---

1. Greetings and Felicitations!
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
3. Execution-based flow mechanisms
  - (a) Fenton's Data Mark Machine
  - (b) Variable classes
4. Integrity and information flow
5. Examples
  - (a) Android taint analysis
  - (b) Firewalls