Outline for October 2, 2023

**Reading:** text, §4.3, 2.1–2.2, 5.1  **Assignments:** Homework 1, due October 9; Project teams, question, due Oct 11

1. Policy
   (a) Example
2. Types of Policies
   (a) Military/government vs. confidentiality
   (b) Commercial vs. integrity
3. Access Control Matrix
   (a) Commands, nesting, and conditions
      i. create subject
      ii. create object
      iii. destroy subject
      iv. destroy object
      v. enter r into A[s, o]
      vi. delete r from A[s, o],
   (b) Copy flag, own rights
   (c) Principle of attenuation of privilege
4. Undecidability result
5. Goals of confidentiality policies
6. Bell-LaPadula Model with levels only
   (a) Security levels