Lecture 12 Outline
April 27, 2018

Reading: §8.3–8.5, 10.1–10.2
Assignments: Homework 3, due on May 9, 2018 at 11:59pm
Lab 2, due on May 7, 2018 at 11:59pm

1. Greetings and felicitations!
2. Originator-controlled access control
3. Role-based access control
4. Break-the-glass policies
5. Cryptography
   a. Codes vs. ciphers
   b. Attacks: ciphertext only, known plaintext, chosen plaintext
   c. Types: substitution, transposition
6. Symmetric Cryptography
   a. Monoalphabetic (simple substitution): \( f(a) = a + k \mod n \)
   b. Example: Caesar (shift) cipher with \( k = 3 \), RENAISSANCE \( \rightarrow \) UHQDLVVDQFH