Lecture 14 Outline

Reading: Dawson, §2

Assignments due:
- Lab #6 (“Web Pages with Style”) due Feb. 22 at 11:55PM
- Lab #7 (“Introduction to Python”) due Mar. 1 at 11:55PM
- Final term paper due Mar. 3 in class

1. Greetings and felicitations!
2. Quotes and strings
   a. Basics
   b. Escaping characters
   c. Handling long lines
   d. Printing several lines at once
   e. Suppressing trailing newline
   f. Concatenating strings
3. Numbers
   a. Integer arithmetic
   b. Floating point arithmetic
   c. Conversions
4. Variables
   a. What is a variable
   b. How number = number / 2 works
5. Comparison: if statement
6. Function: more comparison
7. Strings
   a. Comparing them
   b. Transforming them: upper, lower, swapping case, replacing letters
8. Conversions
   a. str, int, float
   b. Errors
9. Example program: rolling a 20-sided die repeatedly