

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