Outline for November 19, 2020

Reading: §3.7, 4.5, 7.7

Assignments: Homework 4, due December 1, 2020

1. Handling exceptions
   (a) except [except0.py]
   (b) except exceptcode [except1.py]
   (c) else [except2.py]
   (d) except exceptcode as msgvar [except3.py]
   (e) finally [except4.py]
   (f) Exceptions in a function: who handles them? [except5.py, except6.py]
   (g) Using global variables as error flags [except6a.py]
   (h) raise exceptcode message [except7.py]

2. Randomness [random.py]
   (a) Pseudorandomness vs. randomness
   (b) random returns random number between 0.0 and 1.0 (but never 1.0)
   (c) randint(low, high) returns random integer between low and high inclusive
   (d) seed(n) uses a fixed starting point for the sequence
   (e) choice(seq) returns a randomly-selected element of the sequence seq
   (f) choices(seq, k=n) returns a list of n randomly-selected elements of the sequence seq
   (g) shuffle(seq) shuffles the elements of the sequence seq in place