Outline for November 15, 2021

**Reading:** §12, 13

**Assignments:** Homework 4, due November 22, 2021

1. Example of floating imprecision [*roundoff.py*]
2. Character/integer conversions [*chr.py, ord.py*]
   (a) Caesar cipher (shift cipher) [*caesarenc.py, caesardec.py*]
3. Reading a URL [*geturl.py, geturl2.py, geturl3.py*]
   (a) Opening a URL
   (b) Reading the page as a string
   (c) The role of `decode()` [*geturl-nd.py*]
4. A program to print links in web pages [*urlpat.py, urlpat2.py*]