

## Outline for November 28, 2012

**Reading:** §15

**Due Date Changed! Assignment due:** Friday, November 30, 2012 at 11:59 PM

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1. More on files
2. Examples
  - a. Put lines in a file in random order [*randlines.py*]
  - b. Read in a list of words from a file, then search it as requested; similar to linear search program done last week [*search-1.py*]
  - c. Now see how many words you checked total [*search-1c.py*]
3. Reading a URL [*geturl.py*]
  - a. Opening a URL
  - b. Reading the page as a string (utf-8, us-ascii, iso-8859-1, *etc.*)
  - c. Note what happens if you leave off the `decode()` (note the `b'...`) [*geturl2.py*]