

# Creative Computing

## Homework 7

### Code-generated poetry

Create a **printed** zine/chapbook of computer-generated poetry.

### Requirements

1. Use at least 2 source materials (more than 2 is great). Make sure they are different kinds of source: if the first is a book, try a non-book next.
2. List the source texts used somewhere in the booklet, like a bibliography.
3. Upload your code to Github. While you are iterating, when you get text you like, duplicate the code file to back it up. Even better, rename it or leave some comment that describes what it was this code generated.

### Helpful things

**Ideas of source material:** books, song lyrics, poetry, reference texts like science books / dictionaries (or any kind of non-fiction that really gets specific about a topic), government records (like the U.S. census, which is open), non-English source materials (would love to see other languages!), movie scripts, inspiring speeches, your personal diary entries.

**Ideas for generation techniques:** Markov chain. Markov chain where you select the starting word. All the words that start with “q”. All the 10-word phrases that start with the word “...”. Only the punctuation. Replace 1 word in a phrase using words from the source (like homework #5). Loops and control flow to create abstract text shapes.

Song lyrics and poems are going to be small sources, which is fine but if it’s too predictable make 1 text file by copy and pasting all the songs from an entire album to give you more to work with.

Massive collection of books/poems at [gutenberg.org](http://gutenberg.org)

Song lyrics at [genius.com](http://genius.com)

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Use our in-class work as a starting point, and remember our Javascript code only reads .txt files! If you have something like a PDF copy and paste into a blank sublime text document, and save it as a .txt file. Remember once you successfully import a file using `FileReader()` it becomes a Javascript string. You can do anything you want with this string! Have fun.