Homework 11
Reasoning over Time, and NLP

Due Thursday, Nov. 21ˢᵗ, at the beginning of class (11:10AM).

[*Only answer the questions for your type of credit.*]

[Everyone]

0. Complete the course SAIS evaluation for this course, and turn in your confirmation sheet. I do value your constructive feedback! [This isn't due until the last day of classes, Dec. 3].

1. Work problem 15.2, page 606 ("In this exercise, we examine…")

2. Work problem 15.4, page 607 ("On page 577, we outlined...")

3. Have a look at the Google Ngram Viewer (https://books.google.com/ngrams); see the "About Ngram viewer" link at the bottom of the page. Watch the TED talk on Google NGrams: http://computationallegalstudies.com/2011/09/25/google-ngrams-what-we-learned-from-5-million-books-and-500-billion-words-ted-2011/. Write 1 paragraph that summarizes the main point(s) from this TED talk, as well as your opinion on the value of this tool (i.e., the Google Ngram Viewer).

[Graduate students only]

4G. Work problem 15.6, page 607 ("Consider the vacuum worlds…")

5G. There are many commercial and open-source tools available for Natural Language Processing. Explore online to discover some of these tools. List 3 of the tools you found, and summarize the capabilities of each tool (using whatever characteristics you find most important).