ENGL 516: Methods of Formal Linguistic Analysis

Semester: Spring '18

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Class Outline

- Assignment 7 discussion
- About project presentations next week
- About Final submission
- Using other people's code: exercise

Assignment 7 discussion - one volunteer per question

Project presentations schedule next week

- Tuesday, 24th: Brody, Emily; Kristin, Afnan; Tim, Taichi, Fatemeh Fatemeh
- Thursday, 26th: Sondoss, Hardi, William; Yasin, Haeyun, Nazli
- Time: 15 min per team (+ time for questions)
- Expectation: Show the working part, discuss code, talk about how it can be improved, etc.

Final Submission

- deadline: 1st May 2018
- what it should contain: your code, preferably with some comments; a short report describing what you did, how you can improve it if you had time or more expertise, what did you learn from the project etc.

Info from a past student, Stephanie Fuccio

- Visual Programming with bubble.is
- Idea: Build software, but with less traditional coding experience.
- Stephanie's comments: "So, with this button type of programming I should be able to make my app with less technical expertise (and less head hitting wall moments) while still using the programming logic for the workflow and such, so I will be using the knowledge but not the skill, hmmmm)"
- Her idea: to use this to build some language learning/testing apps.

Problem Solving: practice

- Goal: I want you to think through the problem solving process, and draw an outline of your approach
- You will have about 15 minutes to first think through the solution
- I will ask someone to talk about their approach (use whiteboard) after 15 min.
- You can write code too, if you finish this process and have time later.

Idea: Test of general knowledge

- I am uploading a csv file states.csv, which is a spreadsheet with a few text columns (you can read it normally with open() and then split each line by comma to get the strings)
- make a database table out of this information
- Program should have a UI, which RANDOMLY selects one row from the table, and presents some questions to the user.
- Then, it compares user answers to the actual answers, and tells the user how many he got right.

source for data: `http://www.ipl.org/div/stateknow/chart.html`

Next task: Lexical Complexity Analyzer

- Read the code, understand what is happening (it is not extremely commented or anything)
- You can read the documentation, run it to check if it works for a single file, a folder of text files etc. Understand what the output is.
- My question: How are the parts of speech getting calculated for words in this code?
- Post your answers in the forum for today.

Next Week

your presentations!!