Independent Language Exploration
CS 330 - Spring 2014 - Ms. Katz

Goals of Independent Language Exploration Assignment
- to practice writing technical material in the CS field
- to use (roughly) a standard format
- to practice using correct English sentence structure
- to practice using technical words correctly
- to explore resources and find answers on your own
- to prepare an informative presentation about technical material
- to present technical information to your peers

Topics
Choose a language that you do not know and learn about it. The language should not be covered in our textbook with more than four pages. You should not already know it or be using it in another class. I reserve the right to ask you to choose a different language. Many of you have already given me your topic; we've discussed this assignment many times.

Detailed Expectations for the Paper
- The paper will be 5 double spaced pages with a 12 point font and 1 inch margins.
- It must include a title with your name and course information.
- It must include a reference: a short summary of the paper that precedes the main text.
- It must include a reference list at the end of the paper to sources to support the paper. These should be referenced in the body by bracketed numbers [3] or bracketed author last name notation [author].
- It must have a conclusions section.
- It may, and probably should, include examples of code which should be single spaced. But no more than 30% of the 5 pages should be code.
- Include how to translate and execute a program
- An example of writing the lines program in your language would be good
- If the language is covered in our textbook, include a reference to that page.

Detailed Expectations for the Presentation
- The presentation will be about the language you have chosen and written about.
- It will use appropriate presentation media of your choosing - Powerpoint, Prezi, chalkboard, ELMO.
- It should be 5 - 7 minutes long.
- You must hand me an outline of your presentation before you start.
- You should speak clearly and be organized.
- You may not include a demonstration of code executing.
- Include how to translate and execute a program.
- Your audience is your classmates.

Readings
- ACM XRDS one-page for students
- informIT multiple answers
- Example SNOBOL paper corrects the problems of my older version that was not double-spaced, didn't have a reference to the textbook, and didn't have an abstract.

Due Dates
- Topic choice by April 11 - two sentences by email to Ms. Katz
- Paper due April 22
- Presentations April 29 and May 1

Rubrics
- Paper rubric
- Presentation rubric

This doesn't really fit anywhere ... DeCSS Haiku