Lesson 25:

1. Pythonic

Pythonic CS 262 – elegant short solutions for problems.

1. Python Versions

I use Python 3. Print is the biggest difference I have noticed.

1. Using Recursion

Loops are more efficient, recursion appears more elegant. A correct solution is the most important.

1. Recursion in Other Languages

Stack frames add up in recursion, no matter the language. The interpreter/compiler can optimize a lot, but keeping track is important for Python. Lisp/Scheme is more efficient at recursion.

1. Pagerank

Exactly what Google started with. Wikipedia is usually high on Google searches.

1. Challenges in Search

Getting better results. Display facts when questions are searched.

1. International Characters

Default character set UTF-8, otherwise ASCII. UNICODE is a character set that is huge, and is the basis of UTF-8.