**Lesson 4**

Topics:

Warm-up: Searching, sorting, by hand

Handouts with sample arrays, in which people should specify how things get searched, or sorted, etc

Perf:

Graphs & regressions of the binary, linear search, and BubbleSort

Big Oh notation:

Brief blurb on this – asymptotic analysis, dominant term hand-waving, etc.

Sorting:

Point out the built-in sorting mechanism of the Array class.

DT: String

First cover some of the built-in ops, including concatentation

Then ask them to count the number of objects that have been allocated

'Global' variables?

Multiply-subscripted arrays?