**LECTURE #6**

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**Today's objective is to review arrays and their fundamental properties & operations**

[**Arrays**](http://www.cs.pitt.edu/~hoffmant/401/slides/Arrays.ppt)

* plain array type. Has a .length property and can be indexed []. That's it.
* contrast plain array vs. the **Arrays** class.  
  They are NOT the same thing.
* [Arrays class](http://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html) is a library of methods that operate on arrays.
* discipline: keep initialized values to the front. Keep a count.
* passing arrays to methods
* append and resize on a simple array
* fundamental operations: count, min/max/ave, search, etc.
* big O notation and complexity
* strategies for Jumbles program