

### Administrivia

- Homework 2 code due today. Any last-minute questions?
- A few comments based on a quick look at designs:
  - I want at least a short comment on every class and every method.
  - After generating the HTML documentation, take a quick look with a browser and be sure you got what you intended.
- Quiz 2 Thursday.
- Homework 3 on Web soon; due next week.

Slide 1

### Sorting Arrays, Continued

- Many algorithms possible. Why choose one over another?
- Anything tricky about implementing? How about `swap` in Java?
- Let's write a really simple sort (bubble sort) and compare to `Arrays.sort`.

Slide 3

### Sorting Arrays, Continued

- Look again at `Arrays.sort` methods.
  - Sorting primitives.
  - Sorting objects with "default" comparison (classes that implement `Comparable`).  
If you're writing a class, can you write it so it works with `Arrays.sort`?  
(Let's try an example.)
  - Sorting objects with user-specified comparison.  
(Let's try an example.)

Slide 2

### Minute Essay

- Do you think you understand Java better based on homework so far?

Slide 4