1. Reminders:
   a. Review Session Sunday 4pm TCL 206
   b. Review Session Tuesday PM TBD
   c. **Exam Wednesday 1pm** TCL 217

2. Syllabus Change: Please read Ch. 9 some time next week

3. Last time:
   a. java.util.Comparator
   b. Merge and Merge Sort

4. Warm-up: Sort these numbers by hand, paying attention to your process
   a. \{3, 5, 2, 0, 6, 4, 4\}

5. Selection sort in action (videos on the course web page)
   a. Analysis: \(O(\quad)\)

6. Merge sort
   a. Analysis: \(O(\quad)\)
7. **Quick sort**
   
a. **Partition operation**

b. Algorithm:

```c
void quickSort(Value[] array, int start, int stop) {
    i. Base Case

    ii. Recursive Case:

}
```

c. Analysis: O( )

d. Is it actually “quick?”

e. Is Quick sort better than Merge sort?