Synchronization Notes

1. Review race condition
   a. new Thread()
   b. Runnable.run
   c. Thread.start()
   d. Who gets to write to balance first?

2. Coarse control over what happens before/after:
   a. Start()
   b. Join()

3. Atomic classes (java.util.concurrent.atomic)

4. Synchronize statement
   a. Example: Synchronizing access to ArrayList

5. Synchronized methods
   a. Example: making our own synchronized Array.

6. Three design alternatives

Next time: When good synchronization goes bad…