1. Ask students to come forward and pick up:
   - Attendance card

2. Announcements:
   - Quiz #7 is scheduled on March 14th (Thursday) after the spring break

3. Threads (AKA, “light-weight processes”)
   - The kernel-mode threads (Windows) and the user-mode (UNIX pthread) threads
   - Disadvantages in using threads

4. Introducing Project #2 (may be moved to 3/14)
   - thread synchronization
   - interrupt and interrupt handler
   - The essential system/library calls for Project #2:
     I. Thread (pthread)
        (a) `pthread_create`: create a new thread
     II. Interrupt handler (for your user-defined thread scheduler)
        (a) `signal` (for “SIGALRM” interrupt code)
        (b) `alarm`
     III. pthread mutex variables
        (a) `pthread_mutex_init`
        (b) `pthread_mutex_lock`: the “wait” operation for a semaphore for processes
        (c) `pthread_mutex_unlock`: the “signal” operation for a semaphore for processes
     IV. pthread conditional variables
        (a) `pthread_cond_init`
        (b) `pthread_cond_signal`

5. Midterm-exam review
   - QUESTION #4 and #5