CS314: Lecture Note (Lecture #7, January 30, 2024)

1. **Ask students to come forward and pick up:**

   - Attendance card

   - Quiz #4 question list

2. **Announcements:**

   - Quiz #3 has been graded (should be returned at the end of today)
   - Quiz #4 is scheduled this Thursday (2/1)

3. **Process Management & Scheduling Algorithms**

   - Quiz #4 questions: #12 through #11

   - Race condition (Project #1 topic) and process synchronization using semaphores

   - Race condition demonstration (without_semaphore.cpp)

4. **Exercise questions on January 25, 2024**

   - If time permits

5. **Quiz #4 review (10 to 15 minutes)**

   - A timekeeper wanted

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