CS314: Lecture Note (Lecture #12, February 15, 2024)

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

2. Announcements:
   - Quiz #6 is scheduled today (about 10 minutes at the end – a timekeeper wanted)

3. Process deadlocks and their prevention
   - Deadlock Avoidance (Banker’s Algorithm)

4. Discussions
   - Producer-Consumer Problem using a CFQ (Circular FIFO Queue) - overview
   - Solutions and code-optimizations (Exercise Questions on February 6th, 2024 (PART II))

5. Quiz #6 (10 minutes)