

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 preventions

- 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)