The agenda for CS314 lecture #10 (February 9, 2023):

1. Attendance cards

2. Quiz #4 is scheduled toady (10:30 a.m. ~)
   - A time-keeper wanted

3. Project #1 progress?

4. Race-condition and process synchronization using semaphores
   - Demonstration of a C program (“w/out” a protection against the process race-condition)
   - The concept of “atomic operations” (using a PPT slide)
   - Introducing “semaphores” (using the rest of the PPT slides)
     - “Binary semaphores” and “counting semaphores”
   - Quiz questions (for semaphores)
   - Exercise questions (for semaphores)
     - “Producer & Consumer Problem” using a semaphore(s)

5. Quiz #4 (10:30 a.m. ~)