CS314: Lecture Note (Lecture #16, March 14, 2023)

The agenda for CS314 lecture #16 (March 14, 2023):

1. Attendance cards

2. Midterm exam has been graded

3. Project #2 introduction

   (a) Project_02_figures.ppt
   (b) Project #2 handout (the required structure)
   (c) “with_semaphore.cpp”
       - Describe the essential semaphore system calls
       - Demonstration
   (d) Semaphore and shared-memory keys
   (e) Suggested project #2 milestones (four milestones)
   (f) Demonstration this Thursday
   (g) Sample code (random sleep function)

4. Midterm exam discussions (if time permits)

   - QUESTION #3
   - QUESTION #4
   - QUESTION #5