CS447: Lecture Note (Lecture #10, September 21, 2023)

The agenda for CS447 lecture #10 (September 21, 2023).

1. **Distribute:**
   - (1) Attendance cards

2. **Announcements**
   - (1) Quiz #4 has been graded
   - (2) Quiz #5 scheduled today (9/21)
   - (3) Quiz #6: scheduled on Tuesday (9/26)

3. **Sliding-Window flow control (the flow control TCP uses)**
   - Concept
   - Performance analysis (link utilization)

4. **TCP Sliding-Window flow control**
   - Slow star
   - Linear growth
   - Exercises

5. **ARQ (Automatic Re-transmission reQuest)**
   - Stop-and-wait ARQ
   - GBN (Go-Back-N) ARQ
   - Selective-Reject ARQ
   - Exercises

6. **LAN (Local Area Network), WAN (Wide Area Network), and internet (including “the Internet”)**

7. **Quiz #6 Review (5 minutes)**

8. **Quiz #5 (10 minutes)**