CS447-003: Lecture Note (Lecture #5, January 23, 2024)

1. **Ask students to come forward and pick up:**
   - Attendance card
   - Exercises for January 23\textsuperscript{rd} (a handout)

2. **Announcements:**
   - Quiz #2 has been graded.
     - Your graded Quiz #2 will be retuned at the end of today.
     - Its suggested solutions have been posted to the course home (*even if you earned full credit, you are still suggested to check the suggested solutions*)
     - Quiz #3 is scheduled this Thursday (1/25)

3. **Exercises for the topics of packet encapsulation**
   - Exercise #2 (in Exercise Question on January 10\textsuperscript{th})

4. **Flow Control & Error control** (for packet-switching networks)
   - What is flow control?
   - Stop-and-wait and sliding-window flow control
   - General concepts: “Error\_Control\_Concept.ppt”
   - Exercise questions (in Exercise Question on January 23rd)
   - Parity-bit error detections (bit errors and packet framing errors)
   - CRC (Cyclic Redundancy Codes)

5. **Quiz #3 question reviews** (10 to 15 minutes)