

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

1. Ask students to come forward and pick up:

- Attendance card
- Exercises for January 23rd (a handout)

2. Announcements:

- Quiz #2 has been graded.
 - Your graded Quiz #2 will be returned 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 10th)

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)