CS447-002: Lecture Note (Lecture #19, March 27, 2024)

1. Pick up:
   - Attendance card
   - Exercises question on March 27th

2. Announcements:
   - Quiz #7 has been graded (to be returned at the end of today)
   - Quiz #8 is scheduled on 4/1 (preview 10 to 15 minutes at the end)
   - Cat. III and IV questions (Project #2) will be announced (maybe through email) sometime this week.

3. IP addresses
   - Host address and domain address
   - IPv4 protocol design
     - 32-bit address space
     - Class-less Inter-Domain Routing (CIDR) and CIDR-prefix
     - Subnets and subnet mask

4. ARP (Address Resolution Protocol)
   - What is it for?
   - What it does?
   - How does ARP do it?

5. Quiz #8 preview (10 to 15 minutes)
   - A timekeeper wanted