

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