

# CS447-003: Lecture Note (Lecture #21, March 28, 2024)

## 1. Pick up:

- Attendance card
- Exercises question on March 28th

## 2. Announcements:

- Quiz #8 has been graded (to be returned at the end of today)
- Quiz #9 is scheduled on 4/2 (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 #9 preview (10 to 15 minutes)

- A timekeeper wanted