

CS447-002: Lecture Note (Lecture #17, March 20, 2024)

1. Pick up:

- Attendance card

2. Announcements:

- Quiz #6 has been graded (should be returned at the end)
- Quiz #7 is scheduled on 3/25 (Monday next week)

3. Medium Access Control (MAC)

- **Exercises** (those on March 13th: #1 and #2)
- **Token-Ring MAC**
 - <https://ipsit.bu.edu/sc546/sc441Spring2003/fddi/fdditoken.html>
 - <https://www.certificationkits.com/cisco-certification/ccna-articles/cisco-ccna-data-link-conceptslayer-2/data-link-protocols-token-fddi-ethernet/>
 - Exercise (those on March 13th: #3)

4. 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

5. Quiz #7 Preview (10 to 15 minutes)

- A timekeeper wanted