CS447-003: Lecture Note (Lecture #24, April 9, 2024)

1. **Pick up:**

   - Quiz #10 question list

2. **Announcements:**

   - Quiz #9 has been graded (to be returned at the end)
   - Quiz #10 is scheduled this Thursday (4/11) – should have discussions at the end (10 to 15 minutes at the end)

     - A timekeeper wanted

3. **Quiz Performance**

   Quiz Average of 90+: course letter grade of A or B
   Quiz Average of 90~80: course letter grade of C
   Quiz Average of 80~70: course letter grade of D
   Quiz Average of less than 70: course letter grade of F

4. **IP addresses**

   - Exercise question on March 27th

5. **Internet routing**

   - Autonomous System (AS)
   - Tire-1, 2, and 3 AS (ISP)
   - CIDR-routing (distance-vector routing algorithm)

6. **Routing algorithms (if time permits)**

   - Distance-Vector Algorithm (Dijkstra Shortest-Path Algorithm)
   - Link-State Algorithm (Bellman-Ford Shortest-Path Algorithm)

7. **Quiz #9 Preview** (10 minutes)

   - A timekeeper wanted