CS286: Lecture Note (Lecture #10, September 25, 2023)

The agenda for CS286 lecture #9 (September 20, 2023).

1. **Announcements**
   - Attendance card
   - The graded Quiz #3 should be returned.
   - Quiz #4 has been graded (the graded Quiz #4 should be returned).
   - Quiz

2. **Introduce “processor datapath” (continued)**
   - Processor clocks (clock cycles)
   - Processor clock-cycle rate
   - MIPS rate
   - CPI

   - The four processor datapath architectures
     - Scalar datapath
     - Super-scalar datapath
     - Pipeline datapath
     - Super-pipeline datapath

   - Exercises (September 18th)

3. **Quiz #5 (10 minutes)**