CS286: Lecture Note (Lecture #27, December 4, 2023)

The agenda for CS286 lecture #27 (December 4, 2023).

1. **Announcements**
   - Attendance cards
   - Quiz #11 has been graded (should be returned at the end of the lecture today)
   - Quiz #12 (the last quiz in CS286) is scheduled today (15 minutes, a timekeeper wanted)
   - Your quiz grades, attendance statuses, the project grades (#1 and #2), and the midterm exam grades should be all posted soon. Please check your grades and if there is any problem, contact Dr. Fujinoki as soon as possible.

2. **Parallel computers**
   - Flynn’s Classification (SISD, SIMD, MISD, and MIMD parallel computers)
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     - SISD an SIMD $N^2$ matrix multiplication algorithms
       ("N_BY_N_MATRIX_MULTIPLICATION.ppt") ---- for “super-computing”
     - Exercise (on November 27th) – “SIMD Bubble Sort”

3. **Quiz #12 (15 minutes)**