CS286: Lecture Note (Lecture #3, August 28, 2023)

The agenda for CS286 lecture #3 (August 28, 2023).

1. **Pick up:
   - Attendance card

2. **Timekeeper wanted
   - Quiz #2 is scheduled today.
   - We should start Quiz #2 at about 15 minutes before the end of the lecture today.
   - Can someone be a timekeeper?

3. **Quiz #3 is scheduled on September 6th

4. **Programming Project #1 and MIPS assembly language
   - Will be introduced this Wednesday (8/30)

5. **Introduce “Arithmetic.ppt”
   - The (major) number systems the existing processors use.
     - They look similar to those numbers humans (“we”) see, but they work different ways inside of processors. Developing programs without understanding how they work can cause serious problems.
     - Understanding assembly languages unfortunately requires this knowledge because you start “speaking the language of processors” by writing programs in assembly languages (you are no longer using a high-level programming language).
   - Quiz #3 Possible Question List (PART I) has been posted.
     - Today (8/28), we will cover PART I of the Quiz #3 questions.

6. **Quiz #2 should be started at about 15 minutes before the end of the lecture.