The agenda for CS286 lecture #2 (August 24, 2022).

1. Pick up:
   (1) Attendance card

2. Suggested “secondary textbook”

A secondary textbook is suggested to better understand the presented topics.


Older editions of these textbooks are good enough (the latest editions are not necessary). The lowest price for "Structured Computer Organization 4th Edition (ISBN-10: 0130959901)" is currently $5.09 (www.thriftbooks.com).
3. **Introduce Quiz #2**

   (1) Quiz #2 is scheduled on Monday next week

   - “weekly quizzes” will be introduced (I am afraid that I (Fujinoki) did not have time to introduce “weekly quizzes” to you on Monday (8/22).

   (2) Each you should have the question list (“the list of the possible questions”)

       - Five or six questions from the list will be asked in your Quiz #2 on Monday
       
       - Any other question that is NOT in the list will NOT be asked (but which questions will be asked will NOT be announced)

       - We cover Quiz #2 questions today. At the end of today, we will discuss the questions.

4. **Introduce “Exercise_Questions_08_24_2022_PART_01”**

   - The essential number systems (binary, hexa-decimal, and decimal) and their conversions.

       - Submission is not required but everyone should try the questions. If you have any problem dealing with them, contact Dr. Fujinoki as soon as possible.

       - The solutions for the questions have been posted to the course home.

5. **“Intro Computer Organization Architecture.ppt”**

   - Going through this particular PPT presentation is your homework (narration is attached to the slides). Quiz #2 covers the presentation.

   - The PPT presentation covers:

       (a) What is this course for?

       (b) Make sure to know what you will learn in this course.

       (c) Some fundamental concepts in the area of computer organization and architecture.
6. The role of compilers, assembly (machine) languages, assembly instructions, machine codes, and binary executables.

   - The concepts are introduced using “Role_of_Compilers.ppt”

   - Many Quiz #2 questions will be covered during this presentation.

7. Return your attendance card at the end of the lecture

   - Don’t forget to write your “last three digits” on your attendance card.

   - Your attendance card should be the one you received at the beginning of the lecture (i.e., Dr. Fujinoki will NOT accept any attendance card that was not provide by Dr. Fujinoki).