

CS286-001: Lecture Note (Lecture #3, August 31, 2026)

1. Distribute:

- Attendance card
- Quiz #3 question list
- Project #1 handout

2. Announcements:

- Quiz #2 is scheduled today
 - Timekeeper wanted! (2:30-2:45)
- The suggested exercises (posted on 8/24)
 - Binary $\leftrightarrow$ Hexadecimal $\leftrightarrow$ Decimal conversions
 - No submission required
- The suggested exercises (posted on 8/26)
 - We will cover these exercises after the introduction of Project #1 (Week #3)

3. A left-over PPT slides: Introduction to “computer organization & architecture” (Quiz #2 covers this topic)

- Introduce the topics using PPT slides (“Intro Computer Organization Architecture.ppt”)

4. Project #1 Introduction

- Demonstrations of the three assembly programs
- Introduction to “MIPS assembly language”
 - R3000.ppt
- Programming using MIPS assembly language
 - FirstProgram.ppt

- Sample MIPS assembly programs (if-then-else program logic-flow-control, and other essential MIPS instructions for Project #1).

5. Quiz #2

- We should start Quiz #2 by 2:30pm).