CS286: Lecture Note (Lecture #28, December 6, 2023)

The agenda for CS286 lecture #28 (December 6, 2023).

1. **Announcements**
   - Attendance cards
   - 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. **Interrupt – the left-over topics**
   - “Interrupt_New.ppt”

   To cover the following Quiz #11 questions:
   
   **#16:** What is “the service routine table”?
   
   **#17:** What is “IRR (Interrupt Request Register)”?
   
   **#18:** What is “device driver”?
   
   **#20:** Most of the computer systems assign “interrupt number (it is “IRQ” for IBM-compatible personal computers). What are the advantages of managing I/O devices using unique integers?
   
   **#21:** The interrupt table contains the address of the program, each of which is used to service I/O requests at each specific I/O card. The program is also known as something else. How is the program called?
   
   **#22:** When an interrupt occurs while a user program is being executed by a processor, the stack area in the user program is used, but why?

3. **Exercise Questions (“on November 17” and “on December 4”)**