Prompt and Response Summary

First Prompt:

- **Request:**
  - "Follow the steps given in the doc and give me the codebase."
- **Summary of Response:**
  - A basic implementation of a virtual lab experiment for "Process Life-cycle and Context Switching" was provided using HTML, CSS, and JavaScript.
  - The code included functionality for creating processes, switching contexts, and terminating processes.
  - Logging actions were incorporated to track process events.

Second Prompt:

- **Request:**
  - "PCB of active processes, memory, log, controls, CPU, task lists, and process lists. The above functionalities should also be implemented."
- **Summary of Response:**
  - The codebase was extended to include:
    - **PCB (Process Control Block):** Managing active processes.
    - **Memory Allocation:** Simulating memory usage.
    - **CPU Status:** Displaying the current CPU state.
    - **Task Lists and Process Lists:** Managing running and pending tasks.
  - The interface was updated to reflect these components.
  - Functionality was expanded to simulate memory allocation, CPU activity, and task management.

Third Prompt:

- **Request:**
  - "Controls have Load Process, Save Process, and Advance Clock. Also, make the layout appealing and make it stand out."
- **Summary of Response:**
  - The codebase was further enhanced with:
    - **Load Process:** Loading saved process states.
    - **Save Process:** Storing the current state of a process.
    - **Advance Clock:** Simulating the passage of time in the system.
  - **User Interface Enhancements:**
    - A modern, responsive grid system.
    - Improved visual styling and interactivity.
    - Enhanced usability and aesthetic appeal.