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**Mod 4 Lab Questions**

1. **Why do you have a sleep command in your loop?**

The sleep() function ensures that the LCD screen refreshes once per second, preventing excessive updates that could overload system resources. This delay also allows the displayed information to be readable before being updated again.

1. **What is the purpose of having a text display on an embedded device?**

Having text display on an embedded device allows users to receive visual information about the system. The display improves usability by presenting relevant data without requiring additional peripherals like a computer screen or external monitor.

1. **How can you think of the display device as something that could relate to a state machine?**

The display device transitions between different display states based on input conditions. The LCD screen updates dynamically depending on the current state of the system, such as displaying a timestamp or a preset message.