Create a real-time system with two LED tasks that can be controlled by a master task scheduler. The LED tasks will toggle LEDs based on commands received through a queue, and the scheduler will generate random commands at regular intervals using a software timer.

Components:

1. **LED Control Queue (`ledControlQueue`):**
   - A FreeRTOS queue is established to facilitate communication between the master task scheduler and the LED tasks.
   - Each command in the queue represents an action to turn an LED on or off (1 or 0).
2. **LED Tasks (`ledTask`):**
   - Two LED tasks are created, representing LED1 and LED2.
   - These tasks continuously wait for commands from the queue and toggle their respective LEDs based on the received commands.
3. **Task Scheduler Timer (`taskSchedulerTimer`):**
   - A FreeRTOS software timer is employed to periodically invoke the **`taskSchedulerCallback`** function.
   - The timer is set to fire every 1000 milliseconds (1 second), simulating a periodic task scheduler.
4. **Task Scheduler Callback (`taskSchedulerCallback`):**
   - This function generates random task commands (0 or 1) representing actions to be performed by the LED tasks.
   - The generated commands are placed into the LED control queue for processing by the LED tasks.