        - The figure on page 204 shows SystemView recording those events, but I don't think it's possible with this code and the info on SystemView in the book.
    - Description:
        - For SystemView to record events, its Record feature has to be started after `vTaskStartScheduler()` is run. This SystemView requirement does not appear to be mentioned in the book. (That omission is described in the study-guide's web-page for Chapter 7, for a bug on page 163.)
        - Starting SystemView's Record feature takes about 10 seconds. So, practically, it can't be started between when `vTaskStartScheduler()` runs and when the timer-functions are first called.
        - The call to `ReadPushButton()` may be intended to facilitate starting SystemView Record at the right time, however, it doesn't solve that problem.
    - Solution
        - Design
            - One way to fix `mainSoftwareTimers.c` is to create a task in it, which we'll name `startTimersTask`. Then, move the timer-related code from `main()` to that task. The task's priority must be lower than the timer-task's.
            - The task `startTimersTask` turns-on the red LED, waits for the push-button, creates the timers, and then spins (e.g., `while(1)`).
            - SystemView Record must be started after the red LED is on, but before pressing the push-button.
        - Implementation
            - The fixed code is at the study-guide's GitHub repo:
                - chapter-8--mainSoftwareTimers--fixed.c
            - Below is a screenshot from a SystemView recording of the fixed code:

Terminal

Time	Context	Message
Filter		Filter
17.410 829 134	Idle	startTimersTask: button pushed
17.410 857 306	Idle	startTimersTask: repeating timer started (blinks the green LED)
17.410 937 681	startTimersTask	startTimersTask: blue LED on
17.410 965 023	startTimersTask	startTimersTask: one-shot timer started (turns off blue LED)
17.411 052 218	startTimersTask	startTimersTask: spinning
17.910 032 005	Tmr Svc	repeatCallBack: toggle Green LED
18.410 031 741	Tmr Svc	repeatCallBack: toggle Green LED
18.910 031 741	Tmr Svc	repeatCallBack: toggle Green LED
19.410 032 014	Tmr Svc	repeatCallBack: toggle Green LED
19.610 029 870	Tmr Svc	oneShotCallBack: blue LED off
19.910 031 690	Tmr Svc	repeatCallBack: toggle Green LED
20.410 031 741	Tmr Svc	repeatCallBack: toggle Green LED