Lab 2 Task

Due on Jan. 31st

TinyOS program may contain both synchronous and asynchronous processes. This lab is to learn and implement asynchronous processing through execution model of TinyOS.

1. Modify the default Blink application to add a *for* loop in event timer0.fired(). In the *for* loop, count a number from 0 to 10^6 and call led0 to toggle. Observe the result to see if all leds toggle. If not, analyze what is the reason.

2. Move the *for* loop out of event timer0.fired(). Run it in a task. Post the task before call led0 to toggle in event timer0.fired(). Observe the result.

3. Try to modify the task to break it into a couple of smaller tasks. Observe the result.