

```
/* Homework 2 Problem 1
 *
 * Copies switch pattern to LEDs, but
 * uses "or" so the LED never goes off
 * once it is set.
 */

.include "ubc-de1media-macros.s"

.global _start

.text
_start: movia    r23, IOBASE
        movi     r3, 0

loop:   ldwio    r2, SWITCH(r23)
        or       r3, r3, r2
        stwio    r3, LEDR(r23)

        br      loop

.end
```