```c
#include "mbed.h"
#include "pinout.h"
#include "sw_tick_serial.h"

// leds
#include "mbed.h"
#include "pinout.h"
#include "sw_tick_serial.h"

// leds
static BusOut  g_leds(LDR_PIN, LDM_PIN, LDL_PIN);

int main (void) {
  sw_tick_serial_init();
  g_leds = 1;
  for (;;) {
    if (gb_tick_1s_evnt) {
      gb_tick_1s_evnt = false;
      g_leds = ((4 == g_leds) ? 1 : (g_leds << 1));
    } // if (gb_tick_1s_evnt)
  } // forever
} // main()
```