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/*
 * DOG_LCD_BasicTest.c
 *
 * Created: 3/19/2022 8:09:13 PM
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 */

#include <avr/io.h>
#include "lcd_dog_AVR128_driver.h"

int main(void) {

    //Initialize the buffer of the LCD
    init_lcd_dog();

    while(1) {

        //Print line 1 message into LCD buffer
        sprintf(dsp_buff1, "Line 1 Message ");

        //Print line 2 message into LCD buffer
        sprintf(dsp_buff2, "Line 2 Message ");

        //Print line 3 message into LCD buffer
        sprintf(dsp_buff3, "Line 3 Message ");

        //Update the 3 line messages into the LCD buffer
        update_lcd_dog();
        asm volatile("nop");
    }
}
```