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/*
 * blink_LED0_1sec.c
 *
 * Created: 2/13/2022 9:53:42 AM
 * Author : jason
 */

#define F_CPU 4000000
#include <avr/io.h>
#include <util/delay.h>

int main(void)
{
    PORTA_DIR = PIN7_bm;    //PA7 as the output
    PORTB_DIR = PIN3_bm;    //Set PB3 as the output
    CPU_CCP = CCP_IOREG_gc; //change protected IO register
    CLKCTRL.MCLKCTRLA = CLKCTRL_CLKOUT_bm; //enable CLKOUT

    while (1)
    {
        PORTB_OUT |= PIN3_bm;
        _delay_ms(500);
        PORTB_OUT &= ~PIN3_bm;
        _delay_ms(500);
    }
}
```