#define F\_CPU 16000000UL

#include <avr/io.h>

#include <util/delay.h>

#include "lcd.h"

int main(void)

{

lcd\_init();

lcd\_set\_cursor(0, 0);

lcd\_print("Hello LCD");

lcd\_set\_cursor(1, 0);

lcd\_print("It works! ");

// small demo: print a number

lcd\_print\_uint16(1234);

while (1)

{

lcd\_print\_uint16(1234);

\_delay\_ms(1000);

lcd\_clear();

\_delay\_ms(1000);

}

}