#include <avr/io.h>

#define *F\_CPU* 16000000UL

#include <util/delay.h>

#define RS 7

#define E 5

void send\_command(unsigned char command);

void send\_character(unsigned char character);

int main(void)

{

DDRC = 0XFF;

DDRD = 0XFF;

*\_delay\_ms*(50);

send\_command(0x01);

send\_command(0x38);

send\_command(0x0E);

send\_character(83);

send\_character(97);

send\_character(110);

send\_character(100);

send\_character(104);

send\_character(121);

send\_character(97);

}

void send\_command(unsigned char command)

{

PORTC = command;

PORTD &= ~(1<<RS);

PORTD |= (1<<E);

*\_delay\_ms*(50);

PORTD &= ~(1<<E);

PORTC = 0;

}

void send\_character(unsigned char character)

{

PORTC = character ;

PORTD |= (1<<RS);

PORTD |= (1<<E);

*\_delay\_ms*(50);

PORTD &= ~(1<<E);

PORTC = 0;

}