

# Project Development - Delivery Of Sprint-1,

## Tested code

```
#include <stdio.h>
#define F_CPU 8000000UL
#include <avr/io.h>
#include <util/delay.h>
#include <avr/interrupt.h>
#include <string.h>
#include <stdlib.h>
#include "lcd.h"
#include "lcd.c"

#define RS 7
#define E 5
#define D4 4
#define D5 5
#define D6 6
#define D7 7

void lcd_init(void);
void lcd_command(unsigned char);
void lcd_data(unsigned char);
void lcd_set_cursor(unsigned char, unsigned char);
void lcd_write(unsigned char *str);
void lcd_clear(void);
int main(void) { DDRC = 0xFF;
DDRD = 0xFF;
lcd_init();
lcd_command(0x80);
lcd_write("Smart Crop ");
lcd
```