

Code (LCD Display):

```
#include "jhd1313m1.h"
#include <stdio.h> // for printf()
#include <unistd.h> //for sleep()

int main(void)
{
    upm::Jhd1313m1 *lcd;
    lcd = new upm::Jhd1313m1(0, 0x3E, 0x62); //Create lcd instance
    printf("Display text on LCD\n");

    lcd->setCursor(0,0);    //bring cursor to top left corner
    lcd->write("Batch 4");  //print text
    lcd->setCursor(1,2);    //bring cursor to second row
    lcd->write("welcome !");//print text

    printf("Sleeping for 5 seconds\n");
    sleep(5);
    printf("Starting Color loop...\n");

    for (int i = 5; i>0 ;i--){
        lcd->setColor(255,220,220); //set backlight color to Red
        sleep(1);
        lcd->setColor(0,255,0); //set backlight color to Green
        sleep(1);
        lcd->setColor(0,0,125); //set backlight color to Blue
        sleep(1);
    }
    printf("Exiting .. bbye!\n");
    delete lcd; //free up memory.
    return 0;
}
```