#include <Wire.h>

#include <hd44780.h>

#include <hd44780ioClass/hd44780\_I2Cexp.h>

#define LED1 13

#define SW\_LEFT 4

#define SW\_RIGHT 7

hd44780\_I2Cexp lcd(0x20, I2Cexp\_MCP23008,7,6,5,4,3,2,1,HIGH);

void setup() {

lcd.begin(16, 3);

pinMode(LED1,OUTPUT);

pinMode(SW\_LEFT, INPUT);

}

void loop(){

if (digitalRead(SW\_LEFT) == HIGH){

lcd.clear();

lcd.setCursor (0,0);

lcd.print("9.D");

lcd.setCursor (0, 1);

lcd.print("Boholy Balint");

}

lcd.clear();

if (digitalRead(SW\_LEFT) == HIGH) {

lcd.setCursor (0,0);

lcd.print("Boholy Balint");

lcd.setCursor (0, 1);

lcd.print("9.D");

}

}