#include <LCD5110\_Basic.h>

#include <Wire.h>

#include <BH1750.h>

BH1750 lightMeter;

void setup(){

Serial.begin(9600);

// Initialize the I2C bus (BH1750 library doesn't do this automatically)

// On esp8266 devices you can select SCL and SDA pins using Wire.begin(D4, D3);

Wire.begin();

lightMeter.begin();

Serial.println(F("BH1750 Test"));

}

void loop() {

uint16\_t lux = lightMeter.readLightLevel();

Serial.print("Light: ");

Serial.print(lux);

Serial.println(" lx");

delay(1000);