#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);