



„Měření teploty s čidly na sběrnici 1-wire“

```
#include <OneWire.h>
#include <DallasTemperature.h>
#include <LiquidCrystal.h>

LiquidCrystal lcd(12, 11, 5, 4, 3, 2);

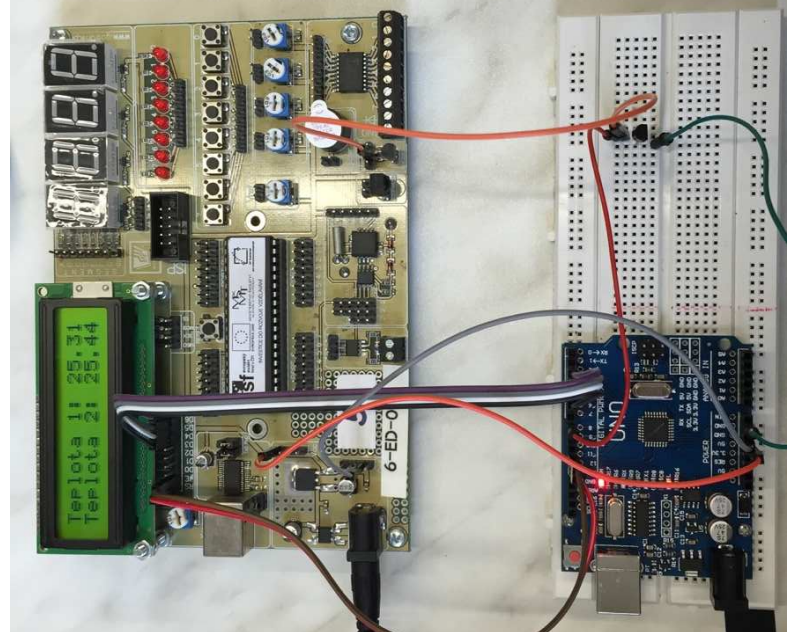
#define ONE_WIRE_BUS 8

OneWire oneWire(ONE_WIRE_BUS);

DallasTemperature sensors(&oneWire);

void setup() {
  lcd.begin(16, 2);
  Serial.begin(9600);
  sensors.begin();
}

void loop() {
  sensors.requestTemperatures();
  Serial.print("Teplota 1: ");
  Serial.println(sensors.getTempCByIndex(0));
  Serial.print("Teplota 2: ");
  Serial.println(sensors.getTempCByIndex(1));
  lcd.setCursor(0, 0);
  lcd.print("Teplota 1: ");
  lcd.println(sensors.getTempCByIndex(0));
  lcd.setCursor(0, 1);
  lcd.print("Teplota 2: ");
  lcd.println(sensors.getTempCByIndex(1));
  delay(1000);
}
```



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