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#include "DHT.h"

#include <LiquidCrystalFast.h>


#define DHTPIN A5    // Sensor is connected to pin A5


#define DHTTYPE DHT22  // type of used sensor


DHT dht(DHTPIN, DHTTYPE);


LiquidCrystalFast lcd(8,9,4,5,6,7); //pins used for lcd display


void setup(void) {
    Serial.begin(9600);
    lcd.begin(16, 2);
    lcd.print("Reading sensor");
    dht.begin();
}


void loop() {
    delay(30000);
    lcd.clear();
    lcd.setCursor(0,0);
    // Read humidity
    int H = dht.readHumidity();
    // Read temperature as Celsius
    float T = dht.readTemperature();


    lcd.print("T:");
    lcd.print(T);
    lcd.print((char)223);
    lcd.print("C ");

```

```
lcd.print("H:");  
lcd.print(H);  
lcd.print("%");  
lcd.setCursor(2,1);  
if (T<18) {  
    lcd.print("CLOSE WINDOWS");  
} else {  
    lcd.print("OPEN WINDOWS");  
}  
}
```