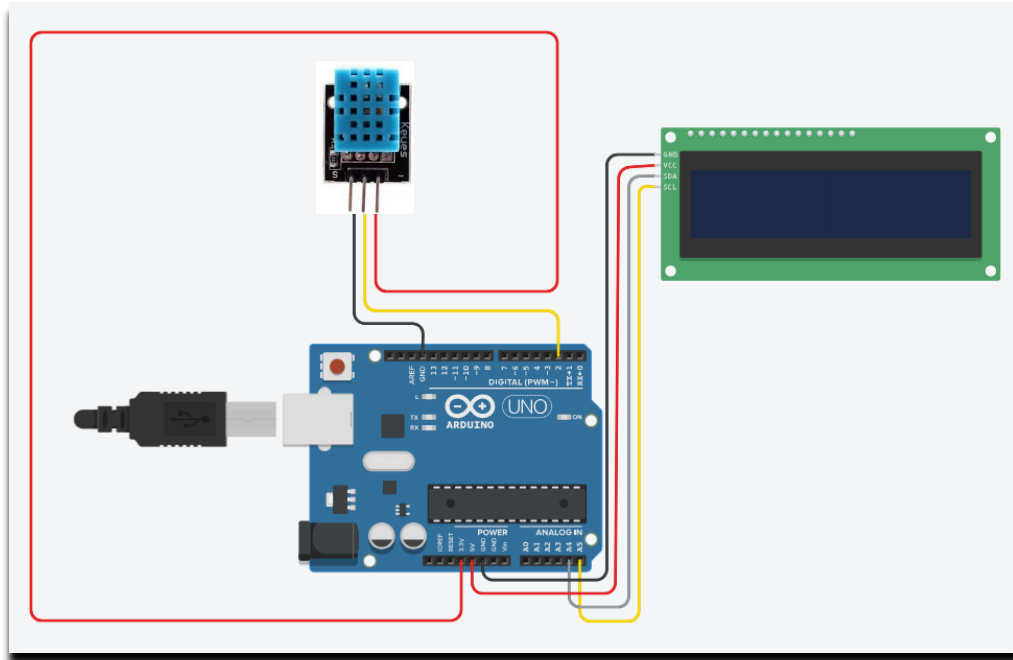




```
#include <Wire.h>
#include <LiquidCrystal_I2C.h>
#include "DHT.h"

#define DHTPIN 2
#define DHTTYPE DHT11

int cursorColumn = 0;
LiquidCrystal_I2C lcd(0x27, 16, 2);

DHT dht(DHTPIN, DHTTYPE);

void setup() {
    dht.begin();

    lcd.init();
    lcd.backlight();

    Serial.begin(9600);
    Serial.println("DHTxx test!");

    lcd.clear();
    lcd.setCursor(cursorColumn, 0);
    lcd.print("DHTxx test!");
}

void loop() {
    delay(2000);
    lcd.clear();

    float h = dht.readHumidity(); //Read humidity

    float t = dht.readTemperature(); // Read temperature as Celsius
```

```
if (isnan(h) || isnan(t)) {  
    Serial.println("Failed to read from DHT sensor!");  
    return;  
}  
  
Serial.print("Humidity: ");  
Serial.print(h);  
Serial.print(" %\t");  
lcd.setCursor(2, 0);  
lcd.print("H = ");  
lcd.print(h);  
lcd.print(" %");  
  
Serial.print("Temperature: ");  
Serial.print(t);  
Serial.print(" *C ");  
  
lcd.setCursor(2, 1);  
lcd.print("T = ");  
lcd.print(t);  
lcd.print(" C ");  
  
}
```