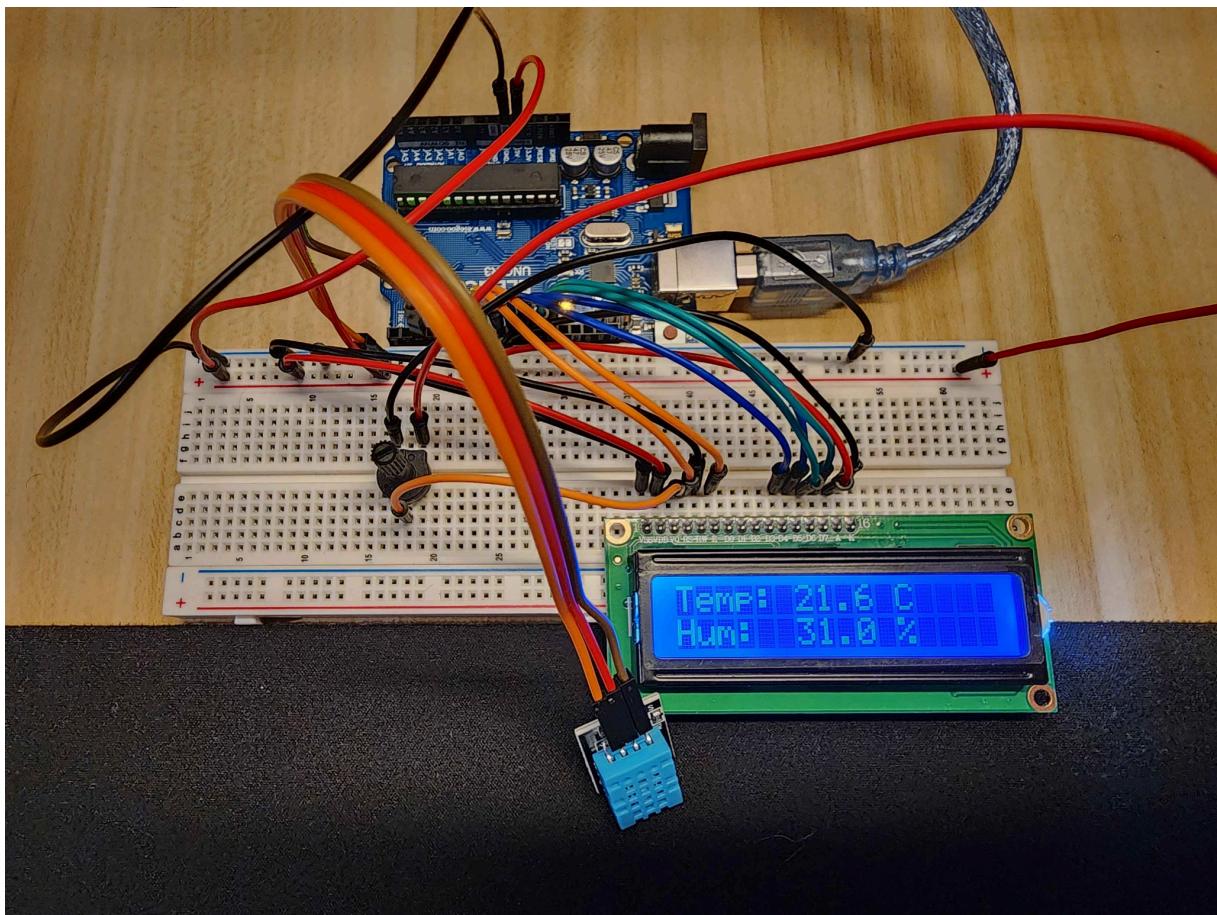


Breadboard Wiring and LCD Display

Breadboard Wiring Setup:

The breadboard wiring demonstrates the connection between an Arduino Uno, an LCD display, and a DHT11 temperature and humidity sensor:

- The DHT11 sensor is connected to the breadboard, with its **VCC**, **GND**, and **DATA** pins properly wired to the Arduino Uno.
- The LCD display is connected via jumper wires to the Arduino, with its control pins (e.g., RS, E) and data pins (D4-D7) wired to the corresponding digital pins on the Arduino.
- Power and ground lines on the breadboard are linked to the Arduino's **5V** and **GND** pins, providing the necessary current for the components.



Display:

The LCD screen is powered and functioning, displaying live temperature and humidity data:

- **Temp:** 21.7°C
- **Hum:** 31.0% This confirms that the DHT11 sensor is operational and successfully transmitting data to the Arduino, which processes the readings and displays them on the LCD.

