


# Temperature display on LCD and Android device

It's all about measuring a temperature and sending the data to an LCD display or an Android device

 Difficulty Easy

 Duration 1 hour(s)

 Categories Electronics

 Cost 30 EUR (€)

## Contents

Step 1 - Wiring diagram

Comments

## Materials

- Arduino Nano
- HC-06 Bluetooth module
- 2 rows 16 digits LCD display
- ds18b20 temperature sensor
- 10 kΩ potentiometer ( for the display)
- 4.7 kΩ resistor
- Breadboard
- Some wires

## Tools

- Un ordinateur avec l'environnement de développement Arduino

## Step 1 - Wiring diagram

Unplug the bluetooth module before you upload the sketch to your Arduino board, then plug it back in right after, or you might experience communication problems between your computer and the Arduino

To get the temperature on your android device, install Bluetooth Terminal App ( from Qwerty as i recall). Once you're connected, sending the A letter enables you to get the temperature back. Pieces of code were harvested form the web . Click here to get the code.

