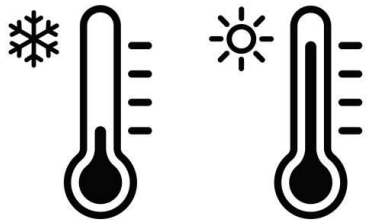
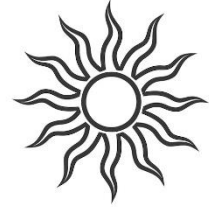


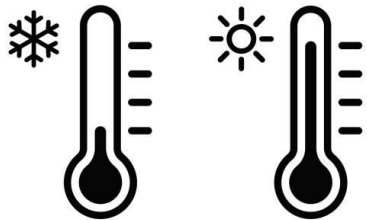
Smart LED Thermometer

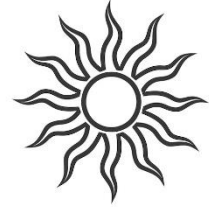




What is Smart LED thermometer?

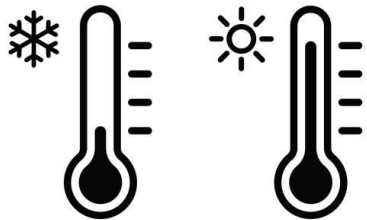
- Smart LED thermometer is a thermometer endowed with a sensor, a LCD screen and some LEDs

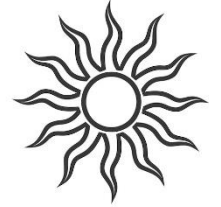




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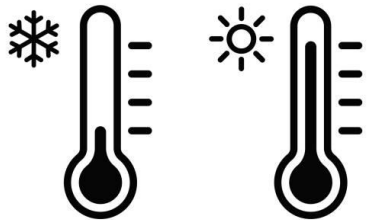
- Smart LED thermometer is a thermometer endowed with a sensor, a LCD screen and some LEDs
- The main idea is to detect temperature and humidity to show on the LCD screen



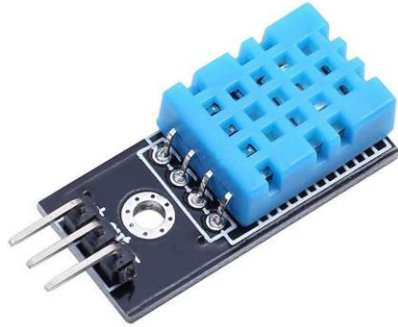
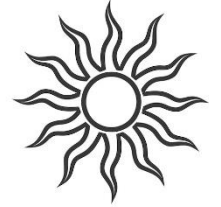


What is Smart LED thermometer?

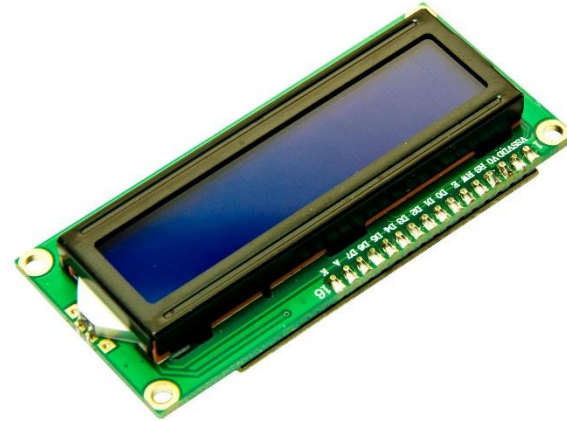
- Smart LED thermometer is a thermometer endowed with a sensor, a LCD screen and some LEDs
- The main idea is to detect temperature and humidity to show on the LCD screen
- At the same time, based on certain ranges of temperature, one of the three LEDs (blue, yellow and red) will light up



Main components needed for the project



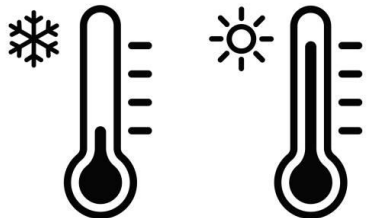
Humidity/temperature sensor



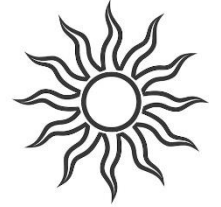
LCD screen



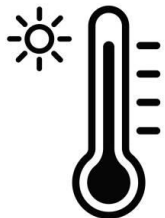
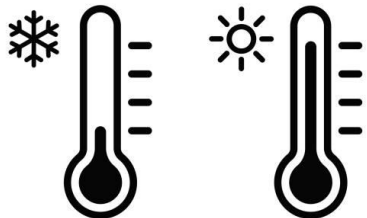
LEDs



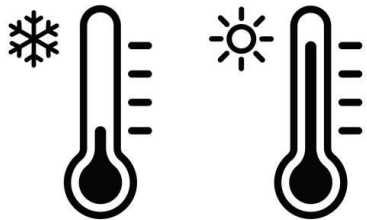
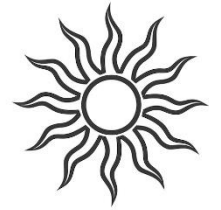
Complete list of components

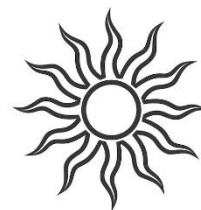


Component	Quantity
Arduino Uno R3	1
Resistors (220Ω)	4
Blue LED	1
Yellow LED	1
Red LED	1
Humidity/Temperature Sensor	1
LCD Screen	1
Potentiometer (10KΩ)	1
9V Battery with Snap Connector	1
Female-to-Male Dupont Wires	As needed
Breadboard Jumper Wires	As needed
Breadboard	1



Smart LED Thermometer at work





Thank you for the
attention!

