@Cedric Van Eeckhout

**Needs:** 🟠

You need a Arduino Uno,
7 Segment display **x1**
220 ohm **x3**
Green Led, Red Led **x1**
IR receiver LED **x1**
Relay **x1**
Lithium Battery **x1**
Fuse from nichrome wire **x1**

I didn't make a visual for this one. You can use the sites or use the PDF I've made from the sites.

**Setup:** 🟠

Connecting 7 Segment to Arduino: 🔴

Arduino **Pin** 2 to **Pin 9**.
Arduino **Pin 3** to **Pin 10**.
Arduino **Pin 4** to **Pin 4**.
Arduino **Pin 5** to **Pin 2**.
Arduino **Pin 6** to **Pin 1**.
Arduino **Pin 8** to **Pin 7**.
Arduino **Pin 9** to **Pin 6**.
**GND** to **Pin 3** and **Pin 8** each connected with **220 ohm** resistors.

Connecting IR receiver to Arduino: 🔴

Arduino **Pin 7** to **Pin S**.
Arduino **Pin GND** to **Pin GND**.
Arduino Pin 5V to **Vcc**.

Connecting Relay to Arduino: 🔴

Arduino **Pin GND** to **Pin GND**.
Arduino **Pin 5V** to **Pin Vcc**.
Arduino **Pin 10** to **Pin IN1**.

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Connecting Red and Green LED to Arduino.🔴

Arduino **Pin 10** to **Anode** Green LED with **220 ohm** resistor.
Arduino **Pin 11** to **Anode** Red LED.
Arduino **Pin GND** to **Cathode** Green, Red LED.

Connecting Lithium Battery and nichrome wire fuse trough relay. 🔴

You have a normal open, normal closed and the middle one where u can connect the wires.
You connect the Cathode and one wire of the fuse in the normal closed.
In the middle one you connect the other cable of the fuse.
And at least in the normal open you connect the Anode of the Lithium battery.


That was all the information you need to compleet it!