PROJECT IDEA: DIY Traffic Light

What is Arduino

An Arduino is a single-board microcontroller and a software suite for programming it. The hardware consists of a simple open hardware... For software visit http://www.arduino.cc/

Traffic Lights

Supply list
1. Arduino Software
2. Arduino UNO
3. BreadBoard
4. Seven Jumper Wires
5. Three 220ohm resistors
6. One red L.E.D.
7. One yellow L.E.D.
8. One green L.E.D.
IF YOU DON'T ALREADY HAVE ARDUINO BADGE, SHOW YOUR PROJECT TO ONE OF THE IDEALAB STAFF MEMBERS AND THEY'LL GET YOU ONE!

**Step 1**

- **How to assemble**

**Step 2**

This is the Arduino program that let you write the C code to bring to life the idea for your project. Edit the delay values to get the timing just right.

WHERE TO GET MORE HELP:

For more ideas and help visit: [http://www.arduino.cc/](http://www.arduino.cc/)