

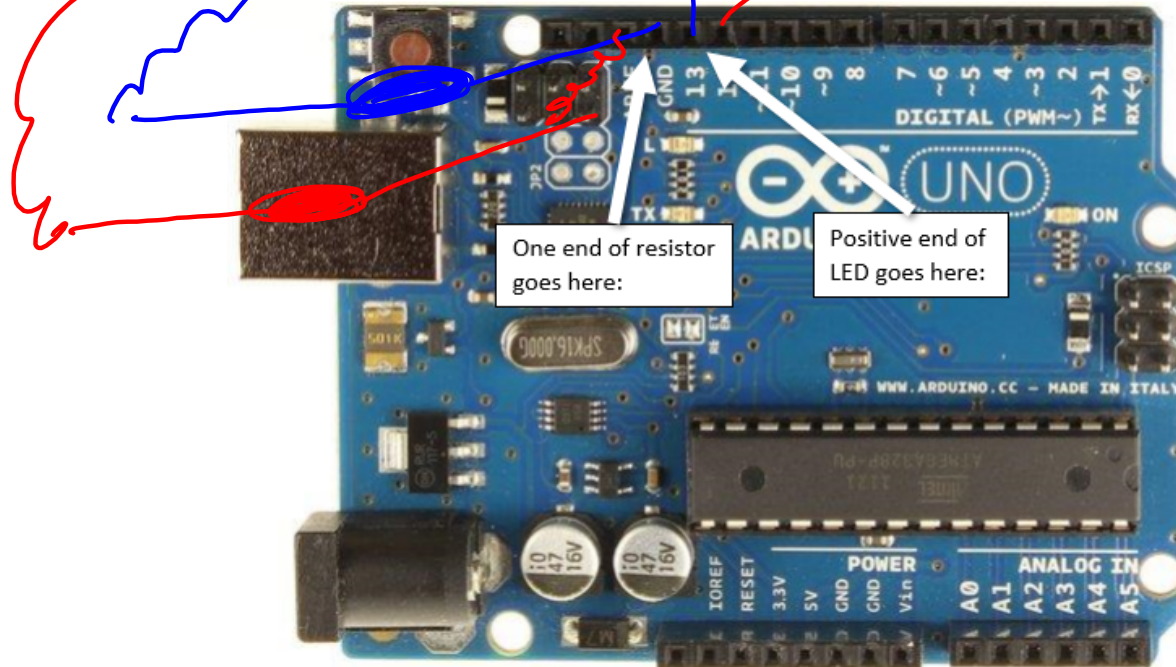
→ After the test, WAIT for an announcement, then turn in your work and head to the lab

→ LED wiring

- Very similar to "Arduino Blinking LED"
- With two LED's you'll need
  - More alligator clips
  - Another resistor
  - TWO output pins on Arduino

Follow these steps in order to connect an LED to an Arduino controller and program it to blink.

1. Plug the positive end (the long end) of an LED into digital pin 13 of the Arduino.



2. Plug one end of a resistor (at least 200 Ohm) into the GND pin of the Arduino.
3. Connect the negative end (the short end) of the LED to the other end of the resistor by

- Arduino programming:
- Figure out how to control each LED separately
  - Figure out what to do in order to create the correct sequence

## TODAY.

- ① Edit the "blink" program so that it correctly generates the blink sequence (save to USB or Google drive)
- ② Make a sketch showing exactly how you'll wire your Arduino