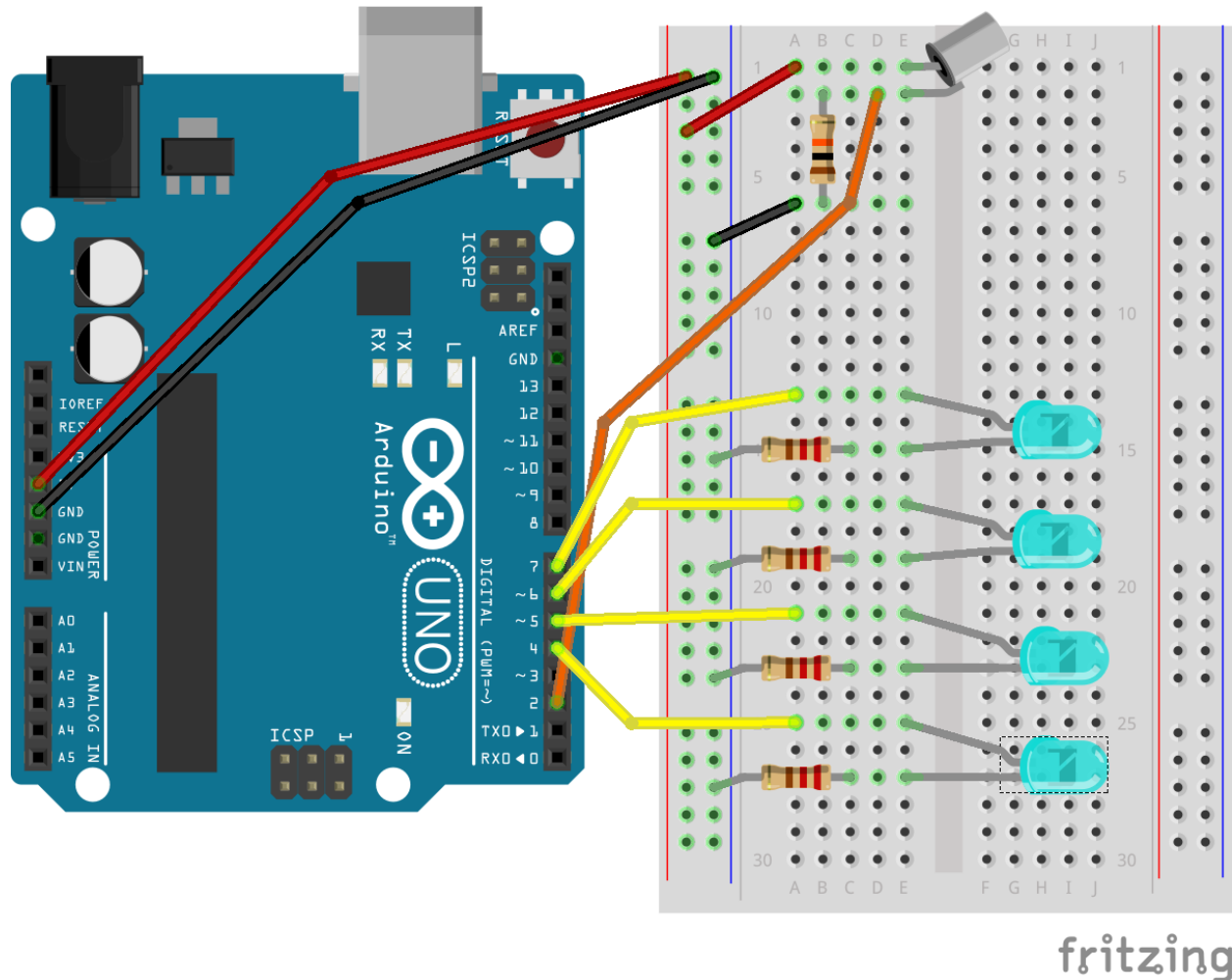


LED Tilt Circuit



Circuit Steps:

1. Connect the **Arduino 5V** to the **+ rail** on the breadboard.
2. Connect the **Arduino GND** to the **- rail** on the breadboard.
3. Connect **one leg of the tilt sensor** to the **+ rail** on the breadboard.
4. Attach a **10k Ohm resistor** between **other leg of the tilt sensor** and the **- rail** of the breadboard
5. Connect the **leg of the tilt sensor with the 10k resistor** to the **input pin**. In this example, it's pin 2.
6. For each LED, connect the **positive leg (long leg)** to an **Arduino pin**.
7. For each LED, attach a **220 or 560 Ohm resistor from the negative leg (short leg)** to the **- rail**.

Note: The digital input connection for the tilt sensor should be placed on the breadboard in between the 10k resistor and the tilt sensor leg.