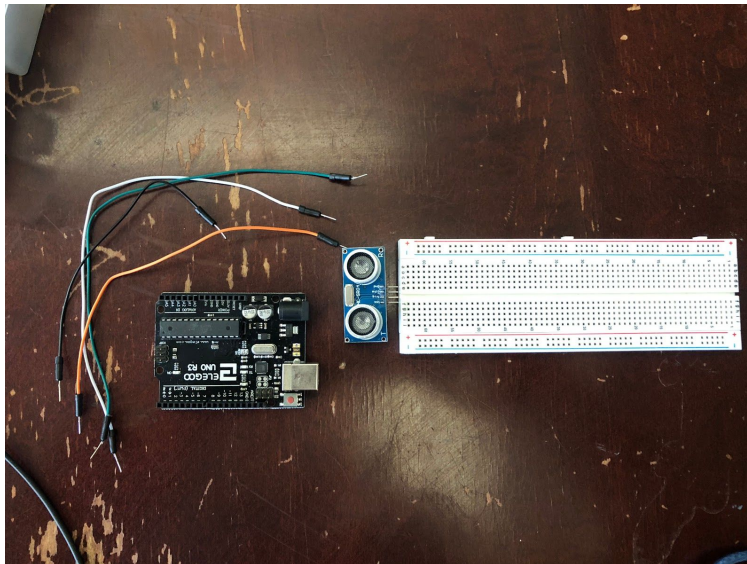


What the rangefinder does:

Basically, it measures the distance from the object to your rangefinder by sending out a pulse of ultrasonic sound. When the pulse reaches on object, the sound is bounced back and collected by the rangefinder. The rangefinder measures how long it took to receive the pulse, and converts that time into distance.

What you need:

- Arduino
- 4 cables
- 1 Ultrasonic Range Finder
- Bread Board



Procedure:

1. Plug the rangefinder into breadboard
2. Connect 1 cable from port 5V to align with the first prong of the rangefinder
3. Connect 1 cable from pin 10 (or your desired pin) to the second prong of the rangefinder
4. Connect 1 cable from pin 13 (or your desired pin) to the third prong of the rangefinder
5. Connect 1 cable from ground to the fourth prong of the range finder
6. Upload the code to your arduino, and open the serial monitor to see the distance

Citation:

<http://www.circuitbasics.com/how-to-set-up-an-ultrasonic-range-finder-on-an-arduino/>