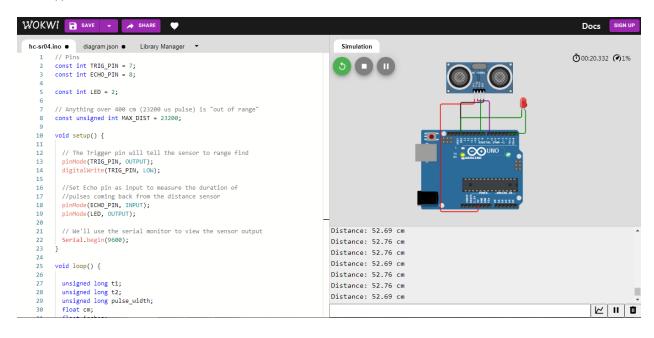
Case (i): Distance < 100cm



Case (ii): Distance > 100cm

```
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                                                                                                                                                                                    Docs SIGN UP
  hc-sr04.ino ● diagram.json ● Library Manager ▼
                                                                                                                                                                                  (1) 00:39.132 (2) 7%
          const int TRIG_PIN = 7;
const int ECHO_PIN = 8;
          const int LED = 2;
          // Anything over 400 cm (23200 us pulse) is "out of range"
const unsigned int MAX_DIST = 23200;
                                                                                                                                             E O UNO
            // The Trigger pin will tell the sensor to range find
            pinMode(TRIG_PIN, OUTPUT);
digitalWrite(TRIG_PIN, LOW);
    14
            //Set Echo pin as input to measure the duration of
//pulses coming back from the distance sensor
pinMode(ECHO_PIN, INPUT);
                                                                                                                                               PENTARRE 44444
    18
    19
            pinMode(LED, OUTPUT);
                                                                                                   Distance: 202.83 cm
    21
            // We'll use the serial monitor to view the sensor output
            Serial.begin(9600);
    22
                                                                                                   Distance: 202.83 cm
    23
                                                                                                   Distance: 202.83 cm
                                                                                                   Distance: 202.83 cm
          void loop() {
                                                                                                   Distance: 202.83 cm
            unsigned long t1;
                                                                                                    Distance: 202.83 cm
                                                                                                   Distance: 202.83 cm
             unsigned long pulse_width;
```