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WOWKI LINK: <a href="https://wokwi.com/projects/346826987081302611">https://wokwi.com/projects/346826987081302611</a>
Code:
#define ECHO_PIN 2
#define TRIG_PIN 3
void setup() {
  Serial.begin(115200);
  pinMode(LED_BUILTIN, OUTPUT);
  pinMode(TRIG_PIN, OUTPUT);
  pinMode(ECHO_PIN, INPUT);
float readDistanceCM() {
  digitalWrite(TRIG_PIN, LOW);
  delayMicroseconds(2);
  digitalWrite(TRIG_PIN, HIGH);
  delayMicroseconds(10);
  digitalWrite(TRIG PIN, LOW);
  int duration = pulseIn(ECHO_PIN, HIGH);
  return duration * 0.034 / 2;
void loop() {
  float distance = readDistanceCM();
  bool isNearby = distance < 100;</pre>
  digitalWrite(LED_BUILTIN, isNearby);
  Serial.print("Measured distance: ");
  Serial.println(readDistanceCM());
  delay(100);
```

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        sketch.ino diagram.json Library Manager ▼
                                                                                                                                                                                                                                                                                                                 Simulation
                             #define ECHO_PIN 2
#define TRIG_PIN 3
                                                                                                                                                                                                                                                                                                               void setup() {
   Serial.begin(115200);
   pinMode(LED BULLTIM, OUTPUT);
   pinMode(TRIG_PIM, OUTPUT);
   pinMode(ECHO_PIM, IMPUT);
}
                                                                                                                                                                                                                                                                                                                                                                                                      BIGHT W (MM-) 28
                          float readDistanceCM() {
    digitalwrite(IRIG_PIN, LOW);
    delayMicroseconds(2);
    digitalwrite(IRIG_PIN, HIGH);
    delayMicroseconds(10);
    digitalwrite(IRIG_PIN, LOW);
    int duration = pulseIn(ECHO_PIN, HIGH);
    return duration * 0.034 / 2;
}
                                                                                                                                                                                                                                                                                                                                                                                                                                                            PONES ANALOG IN
                                   bool isNearby = distance < 100;
digitalWrite(LED_BUILTIN, isNearby);
                                   Serial.print("Measured distance: ");
Serial.println(readDistanceCM());
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IBM Cloud

