ARCHANA K

732720121004

https://wokwi.com/projects/364333852276079617

```
→ SHARE

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 sketch.ino ● diagram.json ● Library Manager ▼
          const int trigPin = 10;
const int echoPin = 11;
const int ledPin = 9;
                                                                                                                                                                                                                         Ō 00:03.645 (%)100%
          long duration;
int distance;
                                                                                                                                                                                                      00
          void setup() {
  pinMode(trigPin, OUTPUT);
  pinMode(echoPin, INPUT);
  pinMode(ledPin, OUTPUT);
  Serial.begin(9600);
   11
12
          void loop() {
   digitalWrite(trigPin, LOW);
   delayMicroseconds(2);
                                                                                                                                    Distance: 397
            delayMicroseconds(2);
digitalWrite(trigPin, HIGH);
delayMicroseconds(10);
digitalWrite(trigPin, LOW);
duration = pulseIn(echoPin, HIGH);
distance = duration * 0.034 / 2;
                                                                                                                                   Distance: 397
                                                                                                                                   Distance: 397
                                                                                                                                   Distance: 397
   21
                                                                                                                                   Distance: 397
                                                                                                                                    Distance: 397
             Serial.println(distance);
if (distance < 100) {</pre>
                                                                                                                                    Distance: 397
                digitalWrite(ledPin, HIGH);
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SKETCH.INFO

```
const int trigPin = 10;
const int echoPin = 11;
const int ledPin = 9;
long duration;
int distance;

void setup() {
  pinMode(trigPin, OUTPUT);
  pinMode(echoPin, INPUT);
  pinMode(ledPin, OUTPUT);
```

```
Serial.begin(9600);
}
void loop() {
 digitalWrite(trigPin, LOW);
 delayMicroseconds(2);
 digitalWrite(trigPin, HIGH);
 delayMicroseconds(10);
 digitalWrite(trigPin, LOW);
 duration = pulseIn(echoPin, HIGH);
 distance = duration * 0.034 / 2;
 Serial.print("Distance: ");
 Serial.println(distance);
 if (distance < 100) {
  digitalWrite(ledPin, HIGH);
 } else {
  digitalWrite(ledPin, LOW);
 }
 delay(500);
}
```