```
Sketch.ino
const int trigPin = 22;
const int echoPin = 23;
const int buzzerPin = 2;
long duration;
int distance;
void setup()
pinMode(trigPin, OUTPUT);  // Sets the trigPin as an Output
pinMode(echoPin, INPUT);
                           // Sets the echoPin as an Input
pinMode(2, OUTPUT);
Serial.begin(9600);
                           // Starts the serial communication
void loop()
    // Clears the trigPin
// digitalWrite(trigPin, LOW);
delayMicroseconds (2);
      // Sets the trigPin on HIGH state for 10 micro seconds
digitalWrite(trigPin, HIGH);
delayMicroseconds (10);
digitalWrite(trigPin, LOW);
      // Reads the echoPin, returns the sound wave travel time in
microsec.
duration = pulseIn(echoPin, HIGH);
      // Calculating the distance
distance= (duration*0.034)/2;
if (distance < 100) {
      // digitalWrite(2, HIGH);
      tone(buzzerPin, 10000);
} else {
     noTone(buzzerPin);
      // digitalWrite(2, LOW);
      // Prints the distance on the Serial Monitor
Serial.print("Distance: ");
Serial.print(distance);
Serial.println("cm");
delay(500); //500 \text{ m.sec}=0.5sec
Diagram.json
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  "editor": "wokwi",
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