const int piezoPin = A0; // Analog input from piezo

const int ledPin = 9; // Output to LED

const int threshold = 100; // Sensitivity level (adjust as needed)

void setup() {

pinMode(ledPin, OUTPUT);

Serial.begin(9600); // For debugging

}

void loop() {

int piezoValue = analogRead(piezoPin);

Serial.println(piezoValue); // Monitor values

if (piezoValue > threshold) {

digitalWrite(ledPin, HIGH); // Turn LED on

delay(200); // Keep LED on briefly

digitalWrite(ledPin, LOW); // Turn LED off

}

delay(50); // Small delay to avoid bouncing

}