const int vibrationPin = 2; // Vibration sensor connected to digital pin 2

const int buzzerPin = 8; // Buzzer connected to digital pin 8

int lastSensorValue = HIGH;

void setup() {

pinMode(vibrationPin, INPUT); // Set vibrationPin as an input

pinMode(buzzerPin, OUTPUT); // Set buzzerPin as an output

}

void loop() {

int sensorValue = digitalRead(vibrationPin); // Read the vibration sensor value

if (sensorValue == HIGH && lastSensorValue == LOW) {

// Vibration detected, trigger the continuous alarm

while (digitalRead(vibrationPin) == HIGH) {

digitalWrite(buzzerPin, HIGH); // Turn on the buzzer

}

digitalWrite(buzzerPin, LOW); // Turn off the buzzer

}

lastSensorValue = sensorValue;

}