void setup() {

Serial.begin(9600);

}

void loop() {

int fsrReading = analogRead(fsrPin);

Serial.println(fsrReading);

int frequency = map(fsrReading, 0, 1023, 100, 1000);

if (fsrReading > 500) {

tone(buzzerPin, frequency);

delay(100);

noTone(buzzerPin);

}

int flexReading = analogRead(flexPin);

Serial.println(flexReading);

int freq = map(flexReading, 0, 1023, 100, 1000);

if (flexReading > 50) {

tone(buzzPin, freq);

delay(300);

noTone(buzzPin);

}

}