const int flexPin1 = A0;

const int flexPin2 = A1;

const int flexPin3 = A2;

const int flexPin4 = A3;

const int flexPin5 = A6;

void setup()

{

Serial.begin(9600);

}

void loop()

{

int flexValue1;

int flexValue2;

int flexValue3;

int flexValue4;

int flexValue5;

flexValue1 = analogRead(flexPin1);

Serial.print("sensor 1: ");

Serial.println(flexValue1);

delay(1000);

flexValue2 = analogRead(flexPin2);

Serial.print("sensor 2: ");

Serial.println(flexValue2);

delay(1000);

flexValue3 = analogRead(flexPin3);

Serial.print("sensor 3: ");

Serial.println(flexValue3);

delay(1000);

flexValue4 = analogRead(flexPin4);

Serial.print("sensor 4: ");

Serial.println(flexValue4);

delay(1000);

flexValue5 = analogRead(flexPin5);

Serial.print("sensor 5: ");

Serial.println(flexValue5);

delay(1000);

}