void setup() {

Serial.begin(9600);

pinMode(11,OUTPUT); }

void loop() { // turn off tone function for pin 11:

int sensorValue = analogRead(A0);

int sensorValue1 = analogRead(A1);

int sensorValue2 = analogRead(A2);

int sensorValue3 = analogRead(A3);

int sensorValue4 = analogRead(A4);

int sensorValue5 = analogRead(A5);

int sensorValue6=analogRead(A6);

if(sensorValue <1000) { // print out the value you read:

Serial.println(sensorValue);

// play a note on pin 6 for 200 ms:

tone(11, 220, 200);

delay(200); }

if(sensorValue1<1000) { // print out the value you read: // play a note on pin 6 for 200 ms:

tone(11, 246, 200);

Serial.println(sensorValue1);

delay(200); }

if(sensorValue2 <1000) {

// print out the value you read:

// play a note on pin 6 for 200 ms:

tone(11, 277, 200);

Serial.println(sensorValue2);

delay(200); }

if(sensorValue3 <1000) {

// print out the value you read:

// play a note on pin 6 for 200 ms:

tone(11, 293, 200);

Serial.println(sensorValue3);

delay(200); }

if(sensorValue4 <1000)

{ // print out the value you read:

// play a note on pin 6 for 200 ms:

tone(11, 329, 200);

Serial.println(sensorValue4);

delay(200); }

if(sensorValue5 <1000) {

// print out the value you read:

// play a note on pin 6 for 200 ms:

tone(11, 370, 200);

Serial.println(sensorValue5);

delay(200); }

if(sensorValue6 <1000) {

// print out the value you read:

// play a note on pin 6 for 200 ms:

tone(11, 415, 200);

Serial.println(sensorValue6);

delay(200);

}

}