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);

 }

}