const int ledPin=13;

const int m1=8;

const int m2=9;

const int threshold=700;

void setup() {

// put your setup code here, to run once:

Serial.begin(9600);

pinMode(A0,INPUT);

pinMode(ledPin,OUTPUT);

pinMode(m1,OUTPUT);

pinMode(m2,OUTPUT);

}

void loop() {

// put your main code here, to run repeatedly:

int a=analogRead(A0);

Serial.println(a);

delay(500);

if(a>threshold)

{

digitalWrite(ledPin,1);

digitalWrite(m1,0);

digitalWrite(m2,0);

tone(12,1600);

delay(1000);

}

else

{

digitalWrite(ledPin,0);

digitalWrite(m1,1);

digitalWrite(m2,0);

noTone(12);

}

}