int inPin=2;

int a=0;

void setup()

{

Serial.begin(9600);

pinMode(10,OUTPUT);

pinMode(inPin,INPUT);

}

void loop()

{

int sensorValue=analogRead(A0);

int reading=digitalRead(inPin);

if(reading==HIGH)

{

a++;}

if(a%2!=0)

{

Serial.println(sensorValue);

delay(10);

if(sensorValue>300)

{

analogWrite(10,128);

delay(10);

}

else if(sensorValue<300)

{

analogWrite(10,255);

delay(10);

}

}

else if(reading==LOW)

{

digitalWrite(10,LOW);

}

}