```
int val = 0;

int sensor = 0;

void setup()

{

  pinMode(A0, INPUT);

  pinMode(6, OUTPUT);

  Serial.begin(9600);

}

void loop()

{

  sensor = analogRead(A0);

  val = sensor;

 if (sensor >= 930) {

    analogWrite(6, val);

Serial.println(sensor);

  } else {

    analogWrite(6, LOW);

    Serial.println(sensor);

}

  delay(10);

}
```