int led=D6;

void setup() {

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

Serial.begin(9600);

analogWrite(led,1023);

}

void loop() {

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

int dutycycle=analogRead(A0);

if(dutycycle>1023)

dutycycle=1023;

Serial.println(dutycycle);

analogWrite(D6,dutycycle);

delay(100);

}