int red = 2;

int green = 3;

int blue = 4;

void setup(){

pinMode(green, OUTPUT);

pinMode(blue, OUTPUT);

pinMode(red, OUTPUT);

Serial.begin(9600);

}

void loop(){

int p=analogRead(A0);

int potentiometer1=p/3.3;

analogWrite(red,potentiometer1);

delay(1000);

int y=analogRead(A1);

int potentiometer2=y/3.3;

analogWrite(green,potentiometer2);

int z=analogRead(A2);

int potentiometer3=z/3.3;

analogWrite(blue,potentiometer3);

}