void setup()

{

 pinMode(A0, INPUT);

pinMode(11, OUTPUT);

pinMode(10, OUTPUT);

pinMode(9, OUTPUT);

}

void loop()

{

 if ((analogRead(A0) <= 200)) {

 analogWrite(11,51);analogWrite(10,102);analogWrite(9,255);

 }

 if ((analogRead(A0) == 500)) {

 analogWrite(11,255);analogWrite(10,0);analogWrite(9,0);

 }

 if ((analogRead(A0) >= 900)) {

 analogWrite(11,51);analogWrite(10,255);analogWrite(9,51);

 }

}