int led = 13;

int led1 = 12;

int led2 = 11;

int ldr = A5;

int ir = A0;

int ir1 = A1;

int ir2 =A2;

void setup()

{

Serial.begin (9600);

pinMode (led,OUTPUT);

pinMode (led1,OUTPUT);

pinMode (led2,OUTPUT);

pinMode (ldr,INPUT);

pinMode (ir,INPUT);

pinMode (ir1,INPUT);

pinMode (ir2,INPUT);

}

void loop()

{

Serial.println(analogRead(A5));

int ldrStatus = analogRead (ldr);

if (ldrStatus <=500)

{

digitalWrite(led, HIGH);

analogWrite(led,255/5);

digitalWrite(led1, HIGH);

analogWrite(led1,255/5);

digitalWrite(led2, HIGH);

analogWrite(led2,255/5);

if (analogRead(A0)<300) // IR 1 CODE

{

digitalWrite(led,HIGH);

analogWrite(led,255);

delay(1000);// micro second

}

else

{

digitalWrite(led,HIGH);

analogWrite(led,255/5);

}

if (analogRead(A1)<300) // IR 1 CODE

{

digitalWrite(led1,HIGH);

analogWrite(led1,255);

delay(1000);// micro second

}

else

{

digitalWrite(led1,HIGH);

analogWrite(led1,255/5);

}

if (analogRead(A2)<300) // IR 2 CODE

{

digitalWrite(led2,HIGH);

analogWrite(led2,255);

delay(1000);// micro second

}

else

{

digitalWrite(led2,HIGH);

analogWrite(led2,255/5);

}

}

else

{

digitalWrite(led, LOW);

digitalWrite(led2, LOW);

digitalWrite(led1, LOW);

}

}