#include<Servo.h>

Servo Serv;

int IR=7;

int red\_led=4;

int orange\_led=5;

int green\_led=6;

int Servo=8;

int val=0;

void setup() {

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

Serv.attach(Servo);

pinMode(red\_led,OUTPUT);

pinMode(orange\_led,OUTPUT);

pinMode(green\_led,OUTPUT);

pinMode(IR,INPUT);

}

void loop() {

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

val=digitalRead(IR);

if(val==0){

Serv.write(0);

digitalWrite(4,LOW);

digitalWrite(5,HIGH);

digitalWrite(6,LOW);

delay(1000);

digitalWrite(4,HIGH);

digitalWrite(5,LOW);

digitalWrite(6,LOW);

delay(5000);

}

else{

Serv.write(90);

digitalWrite(4,LOW);

digitalWrite(6,HIGH);

digitalWrite(5,LOW);

//delay(100);

}

}