#define rc3 A0

#define rc4 A1

#define spd 3

#define spd1 11

#define pin1 4

#define pin2 5

#define pin3 12

#define pin4 13

int ch3;

int ch4;

void setup()

{

pinMode (rc3, INPUT);

pinMode (rc4, INPUT);

pinMode (spd, OUTPUT);

pinMode (spd1, OUTPUT);

pinMode (pin1, OUTPUT);

pinMode (pin2, OUTPUT);

pinMode (pin3, OUTPUT);

pinMode (pin4, OUTPUT);

digitalWrite (pin1, LOW);

digitalWrite (pin2, LOW);

digitalWrite (pin3, LOW);

digitalWrite (pin4, LOW);

Serial.begin(115200);

}

void loop()

{

ch3 = pulseIn(rc3, HIGH);

ch4 = pulseIn(rc4, HIGH);

if (ch3 > 1800)

{

digitalWrite(spd, HIGH);

digitalWrite(spd1, HIGH);

digitalWrite(pin1, LOW);

digitalWrite(pin2, HIGH);

digitalWrite(pin3, LOW);

digitalWrite(pin4, HIGH);

}

else if (ch3 < 1300)

{

digitalWrite(spd, HIGH);

digitalWrite(spd1, HIGH);

digitalWrite(pin1, HIGH);

digitalWrite(pin2, LOW);

digitalWrite(pin3, HIGH);

digitalWrite(pin4, LOW);

}

else if (ch4 < 1300)

{

digitalWrite(spd, HIGH);

digitalWrite(spd1, HIGH);

digitalWrite(pin1, LOW);

digitalWrite(pin2, HIGH);

digitalWrite(pin3, LOW);

digitalWrite(pin4, LOW);

}

else if (ch4 > 1800)

{

digitalWrite(spd, HIGH);

digitalWrite(spd1, HIGH);

digitalWrite(pin1, LOW);

digitalWrite(pin2, LOW);

digitalWrite(pin3, LOW);

digitalWrite(pin4, HIGH);

}

else if ((ch3 > 1300 && ch3 < 1800) && (ch4 > 1300 && ch4 < 1800) )

{

digitalWrite(spd, LOW);

digitalWrite(spd1, LOW);

digitalWrite(pin1, LOW);

digitalWrite(pin2, LOW);

digitalWrite(pin3, LOW);

digitalWrite(pin4, LOW);

}

}