float t1,d1,t2,d2;

int i;

void setup()

{

Serial.begin(9600);

pinMode(9,OUTPUT);

pinMode(10,INPUT);

pinMode(3,OUTPUT);

pinMode(6,INPUT);

pinMode(11,OUTPUT);

}

void loop()

{

digitalWrite(9,LOW);

digitalWrite(9,HIGH);

delay(100);

digitalWrite(9,LOW);

t1=pulseIn(10,HIGH);

d1=0.017\*t1;

Serial.println(d1);

if(d1==0 || d2==0)

{

digitalWrite(11,HIGH);

delay(1000);

digitalWrite(11,LOW);

delay(1000);

}

{

digitalWrite(3,LOW);

digitalWrite(3,HIGH);

delay(100);

digitalWrite(3,LOW);

t2=pulseIn(6,HIGH);

d2=0.017\*t2;

Serial.println(d2);

if(d2>=0)

{

digitalWrite(12,HIGH);

delay(500);

digitalWrite(12,LOW);

delay(500);

}

if(d1==0 && d2==0)

digitalWrite(12,LOW);

}

}