int t=3;

int e=2;

void setup()

{

Serial.begin(9600);

pinMode(t,OUTPUT);

pinMode(e,INPUT);

pinMode(7,OUTPUT);

}

void loop()

{

digitalWrite(t,LOW);

digitalWrite(t,HIGH);

delayMicroseconds(10);

digitalWrite(t,LOW);

float dur=pulseIn(e,HIGH);

float dis=(dur\*0.0343)/2;

if(dis<=255.0)

digitalWrite(7,HIGH);

else

digitalWrite(7,LOW);

if(dis<=255.0)

tone(13,500);

delay(200);

noTone(13);

delay(100);

Serial.print("distance is ");

Serial.println(dis);

}