

```
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);
}
```

