

```
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);
}
```