



```
1 int t=2;
2 int e=3;
3
4 void setup()
5 {
6   Serial.begin(9600);
7   pinMode(t,OUTPUT);
8   pinMode(e,INPUT);
9   pinMode(12,OUTPUT);
10 }
11
12 void loop()
13 {
14   //ultrasonic sensor
15   digitalWrite(t,LOW);
16   digitalWrite(t,HIGH);
17   delayMicroseconds(10);
18   digitalWrite(t,LOW);
19   float dur=pulseIn(e,HIGH);
20   float dis=(dur*0.0343)/2;
21   Serial.print("Distance is: ");
22   Serial.println(dis);
23   delay(1000);
24 }
```

