

```
#define echoPin 2
   #define trigPin 3
   long duration;
   int distance;
   void setup() {
     pinMode(trigPin, OUTPUT);
     pinMode (echoPin, INPUT);
      Serial.begin(9600);
      Serial.println("Ultrasonic Sensor HC-SR04 Test");
12
      Serial.println("with Arduino UNO R3");
13
1.4
   void loop() {
      digitalWrite(trigPin, LOW);
15
                                     delayMicroseconds(2);
16
      digitalWrite(trigPin, HIGH);
      delayMicroseconds (10);
18
      digitalWrite(trigPin, LOW);
19
      duration = pulseIn(echoPin, HIGH);
      distance = duration * 0.034 / 2;
      Serial.print("Distance: ");
      Serial.print(distance);
      Serial.println(" cm");
Serial Monitor
Distance: 110 cm
```