```
2   #define echoPin 2
3   #define trigPin 3
4   long duration;
5   int distance;
6
7   void setup() {
8       pinMode(trigPin, OUTPUT);
9       pinMode(echoPin, INPUT);
10      Serial.begin(9600);
11      Serial.println("Ultrasonic Sensor HC-SR04 Test");
12      Serial.println("with Arduino UNO R3");
13  }
14  void loop() {
15      digitalWrite(trigPin, LOW);
16      digitalWrite(trigPin, HIGH);   delayMicroseconds(2);
17      delayMicroseconds(10);
18      digitalWrite(trigPin, LOW);
19      duration = pulseIn(echoPin, HIGH);
20      distance = duration * 0.034 / 2;
21      Serial.print("Distance: ");
22      Serial.print(distance);
23      Serial.println(" cm");
24  }
```

Serial Monitor

```
Distance: 110 cm
Distance: 110 cm
Distance: 110 cm
Distance: 110 cm
Distance: 110 cm
```