Simulator time: 00:01:12

```
 8  }
 9
10  void loop()
11  {
12    digitalWrite(trig, LOW);
13    digitalWrite(trig, HIGH);
14    delayMicroseconds(10);
15    digitalWrite(trig, LOW);
16    int duration = pulseIn(echo, HIGH);
17    int distance = duration * 0.0343/2;
18    Serial.print("Distance in cm: ");
19    Serial.println(distance);
20    delay(500);
21  }
```

Serial Monitor

```
Distance in cm: 312
Distance in cm: 312
Distance in cm: 312
Distance in cm: 312
Distance in cm: 312
Distance in cm: 188
Distance in cm: 58
Distance in cm: 51
```

Code

```
#define echo 7 //echo pin connected to digital pin 7
#define trig 2 //trigger pin connected to digital pin 2
void setup()
{
  pinMode(echo, INPUT);
  pinMode(trig, OUTPUT);
  Serial.begin(9600);
}

void loop()
{
  digitalWrite(trig, LOW);
  digitalWrite(trig, HIGH);
  delayMicroseconds(10);
  digitalWrite(trig, LOW);
  int duration = pulseIn(echo, HIGH);
  int distance = duration * 0.0343/2;
  Serial.print("Distance in cm: ");
  Serial.println(distance);
  delay(500);
}
```