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void setup(){
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pinMode(trigPin, OUTPUT);
pinMode(echoPin, INPUT);
Serial.begin(9600);
}

Void loop(){
digitalWrite(trigPin, LOW);
delayMicroseconds(2);
digitalWrite(trigPin, HIGH);
delayMicroseconds(2);
digitalWrite(trigPin, LOW);

duration = pulseIn(echoPin, HIGH);
distance= duration*0.034/2;

serial.Print("Distance: ");
serial.Println(Distance);
}

```

### **Learning and Outcomes:-**

1. Use of ground and resistance in circuit.
2. How to connect Ultrasonic sensor in circuit.
3. Resistance must be of 10 kilo ohm not less than that.
4. To work on both analog and digital pins.

### **Obersvations:-**

1. Use of Ultrasonic sensor and its functioning.
2. To connect Ultrasonic sensor with arduino.
3. Always in circuit ground should always have least resistance.
4. Coding of Ultrasonic sensor and its library function.

### **PROBLEM & TROUBLESHOOTING:**

1. Mistake in coding in statement.
2. Logical mistake happened in connection.

