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int trigpin = 9;
int buzzpin = 6;
int echopin = A0;
int duration, distance;

void setup() {
    pinMode(trigpin, OUTPUT);
    pinMode(buzzpin, OUTPUT);
    pinMode(echopin, INPUT);
    Serial.begin(9600);
}

void loop() {
    // Send pulse to the Ultrasonic Sensor
    digitalWrite(trigpin, LOW);
    delayMicroseconds(2);
    digitalWrite(trigpin, HIGH);
    delayMicroseconds(10);
    digitalWrite(trigpin, LOW);

    // Measure the echo time and calculate distance
    duration = pulseIn(echopin, HIGH);
    distance = duration * 0.034 / 2; // Correct formula for distance calculation

    // Print distance to the Serial Monitor
    Serial.print("Distance in cm is: ");
    Serial.println(distance);

    // If distance is less than 20 cm, turn on buzzer
    if (distance < 20) {
        digitalWrite(buzzpin, HIGH);
    }
}
```

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} else {
    digitalWrite(buzzpin, LOW);
}
delay(1000);
}

```

