

```

File Edit Sketch Tools Help
sample
const int greenLedPin = 4; // Green LED pin
long duration;
int distance;

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

void loop() {
  digitalWrite(trigPin, LOW);
  delayMicroseconds(2);
  digitalWrite(trigPin, HIGH);
  delayMicroseconds(10);
  digitalWrite(trigPin, LOW);
  duration = pulseIn(echoPin, HIGH);
  distance = duration * 0.034 / 2; // Calculate distance in cm
  Serial.print("Distance: ");
  Serial.print(distance);
  Serial.println(" cm");

  if (distance <= 4) {
    digitalWrite(redLedPin, HIGH);
    digitalWrite(greenLedPin, LOW);
  } else {

```

COM5

```

Distance: 30 cm
Distance: 262 cm
Distance: 1193 cm
Distance: 7 cm
Distance: 1194 cm
Distance: 1194 cm
Distance: 240 cm
Distance: 240 cm
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```

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Newline 9600 baud Clear output

```

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[Icons]
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