



```
Text
1 #include <Servo.h>
2
3 int output1Value = 0;
4 int sen1Value = 0;
5 int sen2Value = 0;
6 int const gas_sensor = A1;
7 int const LDR = A0;
8 int limit = 400;
9
10 long readUltrasonicDistance(int triggerPin, int echoPin)
11 {
12   pinMode(triggerPin, OUTPUT); // Clear the trigger
13   digitalWrite(triggerPin, LOW);
14   delayMicroseconds(2);
15   // Sets the trigger pin to HIGH state for 10 microseconds
16   digitalWrite(triggerPin, HIGH);
17   delayMicroseconds(10);
18   digitalWrite(triggerPin, LOW);
19   pinMode(echoPin, INPUT);
20   // Reads the echo pin, and returns the sound wave travel time in microseconds
21   return pulseIn(echoPin, HIGH);
22 }
23
24 Servo servo_7;
25
26 void setup()
27 {
28   // ...
29 }
```

Serial Monitor