Ultra Sonic Sensor

const int trigPin = 3;

const int echoPin = 2;

void setup() {

Serial.begin(9600); pinMode(trigPin, OUTPUT);

pinMode(echoPin, INPUT);

}

void loop() {

digitalWrite(trigPin, LOW);

delayMicroseconds(2);

digitalWrite(trigPin, HIGH);

delayMicroseconds(10);

digitalWrite(trigPin, LOW);

long duration = pulseIn(echoPin, HIGH);

long distance = duration \* 0.034 / 2;

Serial.print("Distance: ");

Serial.print(distance);

Serial.println(" cm");

delay(500); }