const int trigPin =3;

const int echoPin =2;

const int trigPin1 =9;

const int echoPin1 =10;

int led =5;

int buzzer = 7;

long duration,duration1;

int distance,distance1;

void setup(){

pinMode(trigPin, OUTPUT);

pinMode(echoPin, INPUT);

pinMode(trigPin1, OUTPUT);

pinMode(echoPin1, INPUT);

pinMode(led,OUTPUT);

pinMode(buzzer,OUTPUT);

Serial.begin(9600);

digitalWrite(led,HIGH);

digitalWrite(buzzer,HIGH);

delay(2000);

digitalWrite(led,HIGH);

digitalWrite(buzzer,HIGH);

delay(100);

}

void loop()

{

digitalWrite(trigPin,LOW);

duration = pulseIn(echoPin, HIGH);

distance= duration\*0.034/2;

if(distance<=60)

{

digitalWrite(led,HIGH);

digitalWrite(buzzer,HIGH);

delay(100);

}

Serial.print("Distance of Sensor 1: ");

Serial.println(distance);

digitalWrite(trigPin1,LOW);

delayMicroseconds(2);

digitalWrite(trigPin1,HIGH);

delayMicroseconds(10);

digitalWrite(trigPin1,LOW);

duration1 = pulseIn(echoPin1,HIGH);

distance1= duration1\*0.034/2;

if(distance1<=60)

{

digitalWrite(led,HIGH);

digitalWrite(buzzer,HIGH);

delay(100);

}

if(distance1>60)

{

digitalWrite(led,LOW);

digitalWrite(buzzer,LOW);

delay(100);

}

Serial.print("distance of sensor 2 : ");

Serial.println(distance1);

delay(500);

}