int trigPin = 10;

int echoPin = 11;

int Buzzer = 12;

void setup() {

Serial.begin(9600);

pinMode(Buzzer, OUTPUT);

pinMode(trigPin, OUTPUT);

pinMode(echoPin, INPUT);

// put your setup code here, to run once:

}

void loop() {

long duration, distance;

digitalWrite(trigPin,HIGH);

delayMicroseconds(10);

digitalWrite(trigPin, LOW);

duration=pulseIn(echoPin, HIGH);

distance =(duration/1)/58;

duration=pulseIn(echoPin, LOW);

Serial.print(distance);

Serial.println("cm");

delay(10);

if((distance<=50))

{

digitalWrite(Buzzer, HIGH);

}

else if(distance>50)

{

digitalWrite(Buzzer, LOW);

}

}