#define trigPin1 A0

#define echoPin1 A1

#define echoPin2 A3

#define buzzer 3

void setup()

{

pinMode(trigPin1, OUTPUT);

pinMode(echoPin1, INPUT);

pinMode(buzzer,OUTPUT);

}

void loop()

{

long duration, distance;

digitalWrite(trigPin1, LOW);

delayMicroseconds(20000);

digitalWrite(trigPin1, HIGH);

delayMicroseconds(10000);

digitalWrite(trigPin1, LOW);

duration = pulseIn(echoPin1, HIGH);

distance = (duration/2) / 29.1;

if (distance < 45)

{

digitalWrite(buzzer,HIGH);

} else

{

digitalWrite(buzzer,LOW);

} delay(50);

}