int kirmizi\_led=2;

int trig\_pin=9;

int echo\_pin=8;

long sure;

long mesafe;

void setup()

{

pinMode(kirmizi\_led, OUTPUT);

pinMode(trig\_pin,OUTPUT);

pinMode(echo\_pin,INPUT);

Serial.begin(9600);

}

void loop()

{

digitalWrite(trig\_pin,LOW);

delayMicroseconds(2);

digitalWrite(trig\_pin,HIGH);

delayMicroseconds(10);

digitalWrite(trig\_pin,LOW);

sure=pulseIn(echo\_pin,HIGH);

mesafe=(sure/2)/29.2;

Serial.println(mesafe);

if (mesafe<40)

{digitalWrite(kirmizi\_led,HIGH);

}

else

{digitalWrite(kirmizi\_led,LOW);}

delay(100);

}