const int pingPin = 8; // Trigger Pin of Ultrasonic Sensor

const int echoPin = 9; // Echo Pin of Ultrasonic Sensor

const int buzzerPin = 11; //

void setup() {

Serial.begin(9600); // Starting Serial Terminal

pinMode(buzzerPin, OUTPUT);

}

void loop() {

long duration;

pinMode(pingPin, OUTPUT);

digitalWrite(pingPin, LOW);

delayMicroseconds(2);

digitalWrite(pingPin, HIGH);

delayMicroseconds(10);

digitalWrite(pingPin, LOW);

pinMode(echoPin, INPUT);

duration = pulseIn(echoPin, HIGH);

while(duration<6000){

Serial.println(duration);

int i=duration/20;

digitalWrite(buzzerPin, HIGH);

delay(i/2);

digitalWrite(buzzerPin, LOW);

delay(i);

break;

}

}