

```

#include<Servo.h>
int angle=0;
Servo test1;
int echo_pin=5;
int trig_pin=6;
void setup() {
    // put your setup code here, to run once:
    test1.attach(9);
    serial
}

void loop() {
    // put your main code here, to run repeatedly:
    long duration,distance;
    digitalWrite(trig_pin,LOW);
    delayMicroseconds(20);
    digitalWrite(trig_pin,HIGH);
    delayMicroseconds(20);
    digitalWrite(trig_pin,LOW);
    delayMicroseconds(20);
    duration=pulseIn(echo_pin,HIGH);
    distance=((duration/2)*0.034);
    if (distance<15)
    {
        test1.write(90);
        delay(500);
        test1.write(0);
    }
}

```