Ultrasonic Sensor And Servo Motor Arduino Code

#include <Servo.h>

Servo servo1;

int trigPin = 9;

int echoPin = 8;

long distance;

long duration;

void setup()

{

servo1.attach(7);

pinMode(trigPin, OUTPUT);

pinMode(echoPin, INPUT);// put your setup code here, to run once:

}

void loop() {

ultra();

servo1.write(0);

if(distance <= 10){

servo1.write(90);

}

}

void ultra(){

digitalWrite(trigPin, LOW);

delayMicroseconds(2);

digitalWrite(trigPin, HIGH);

delayMicroseconds(10);

digitalWrite(trigPin, LOW);

duration = pulseIn(echoPin, HIGH);

distance = duration\*0.034/2;

}

Code Source : https://create.arduino.cc/projecthub/ryujenny3/servo-motor-ultrasonic-sensor-f951fe