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