/if any library is not installed make sure to get it installed/

#include <Wire.h>

#include <NewPing.h>

#include <Servo.h>

Servo myservo1;

Servo myservo2;

#define TRIGGER\_PIN\_1 7

#define ECHO\_PIN\_1 6

#define MAX\_DISTANCE 400

NewPing sonar1(TRIGGER\_PIN\_1,ECHO\_PIN\_1,MAX\_DISTANCE);

float distance1;

float duration1;

void setup() {

 // put your setup code here, to run once:

Serial.begin(9600);

 myservo1.attach(11); // Servo pin

 myservo2.attach(10); // Servo pin

}

void loop() {

 // put your main code here, to run repeatedly:

 duration1=sonar1.ping();

 distance1=(duration1 / 2)\*0.0343;

 Serial.println(distance1);

 if(distance1 < 35){ // set the minimum distance here

 myservo1.write(10);

 myservo2.write(100);

 delay(600);

 }

 else{

 myservo1.write(100);

 myservo2.write(10);

 }

}