Int vibr = 13;

Int led = 10;

Int trig = 7;

Int echo = 4;

Int durat;

Int distance;

Void setup(){

Serial.begin(9600);

pinMode(vibr,OUTPUT);

pinMode(led,OUTPUT);

pinMode(echo,INPUT);

pinMode(trig,OUTPUT);

digitalWrite(trig,LOW);

}

Void loop(){

digitalWrite(trig,HIGH);

delayMicroseconds(10);

digitalWrite(trig,LOW);

durat = pulseIn(echo,HIGH);

distance = durat\*0.034/2;

Serial.println(distance);

If(distance < 4){

digitalWrite(vibr,HIGH);

digitalWrite(led,HIGH);

} else {

digitalWrite(vibr,LOW);

digitalWrite(led,LOW);

}

}