

```

#include<Servo.h>
Servo s;
void setup()
{
  pinMode(2, OUTPUT);
  pinMode(3, INPUT);
  Serial.begin(9600);
  s.attach(5);
}
void loop()
{
  digitalWrite(2, LOW);
  digitalWrite(2, HIGH);
  delayMicroseconds(10);
  digitalWrite(2, LOW);
  float dur=pulseIn(3,HIGH);
  float dis=(dur*0.0343)/2;
  if(dis<330)
  {
    s.write(180);
    delay(9000);
  }
  else
  {
    s.write(0);
  }
}

```

