```
int trigpin=4;
int echopin=3;
int buzzerpin=10;
int time;
int distance;
void setup()
{
 pinMode(8,OUTPUT);
 pinMode(3,INPUT);
 pinMode(4,OUTPUT);
 pinMode(10,OUTPUT);
Serial.begin(9600);
}
void loop()
{
 digitalWrite(trigpin, HIGH);
delayMicroseconds(1000);
digitalWrite(trigpin, LOW);
delayMicroseconds(1000);
time=pulseIn(echopin,HIGH);
distance=(time*0.034)/2;
if(distance<=10)
 {
  Serial.print("Distance= ");
  Serial.println(distance);
  digitalWrite(8,HIGH);
  delay(1000);
```

```
digitalWrite(10,LOW);
  delay(1000);
}
else
{
    Serial.print("Distance= ");
    Serial.println(distance);
    digitalWrite(8,LOW);
    delay(1000);
    digitalWrite(10,HIGH);
    delay(1000);
}
```