```
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);
  }

}
```