

```
1 int pinsensor =2;
2 int pinLed =12;
3 int pinBuzzer =13;
4 int PIRsensor =0;
5
6 void setup ()
7 {
8   pinMode(pinsensor, INPUT);
9   pinMode(pinLed, OUTPUT);
10  pinMode(pinBuzzer, OUTPUT);
11 }
12
13 void loop()
14 {
15
16   PIRsensor = digitalRead(pinsensor);
17   if (PIRsensor == HIGH)
18   {
19     digitalWrite(pinLed, HIGH);
20     tone(pinBuzzer, 1000, 500);
21   }
22   else{
23     digitalWrite(pinLed, LOW);
24   }
25   delay(10);
26 }
```

