



Code:

```
int pinSensor =2;  
int pinLed =12;  
int pinBuzzer =13;  
int pirSensor =0;
```

```
void setup()
```

```
{  
  pinMode(pinSensor, INPUT);  
  pinMode(pinLed, OUTPUT);  
  pinMode(pinBuzzer, OUTPUT);  
}
```

```
void loop()
```

```
{  
  pirSensor = digitalRead(pinSensor);  
  if (pirSensor == HIGH)  
  {  
    digitalWrite(pinLed, HIGH);  
    tone(pinBuzzer, 1000, 500);  
  }  
  else {  
    digitalWrite(pinLed, LOW);  
  }  
  delay(10);  
}
```