



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

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

```
void loop()  
{  
  
  pinSensor = digitalRead(pinSensor);  
  if (pinSensor == HIGH)
```

```
{  
    digitalWrite(pinLed, HIGH);  
    tone(pinBuzzer, 1000, 500);
```

```
}
```

```
else {
```

```
    digitalWrite(pinLed, LOW);  
}  
    delay(10);  
}
```