

sketch.ino

diagram.json

Library Manager

```
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
14 void loop()
15 {
16
17   PIRsensor =digitalRead(pinsensor);
18   if (PIRsensor == HIGH)
19   {
20
21     digitalWrite(pinLed, HIGH);
22     tone(pinBuzzer,1000,500);
23
24   }
25
26   else {
27
28     digitalWrite(pinLed, LOW);
29
30   }
31
32   delay(10);
33 }
```

Simulation

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