

ASSIGNMENT-1

INTERNET OF THINGS

K.BEVIN KUMAR

ECE - III YEAR

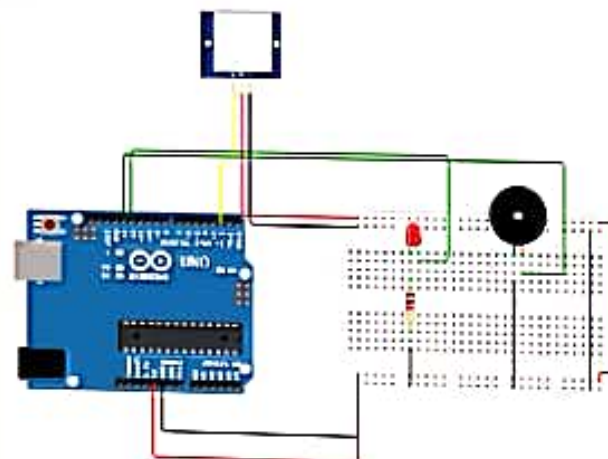
HOLY CROSS ENGINEERING COLLEGE



sketch.ino diagram.json Library Manager

```
1 int pincensor = 2;  
2 int pinLed = 12;  
3 int pinBuzzer = 13;  
4 int PIRsensor = 8;  
5  
6 void setup ()  
7 {  
8   pinMode(pincensor, INPUT);  
9   pinMode(pinLed, OUTPUT);  
10  pinMode(pinBuzzer, OUTPUT);  
11  
12 }  
13  
14 void loop()  
15 {  
16  
17   PIRsensor = digitalRead(pincensor);  
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   }
```

Simulation



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Sketch

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

Simulation

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sketch.ino diagram.json Library Manager

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

Simulation

Restart the simulation

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20

Simulation

Code



00:01.566



31

