



Code



Start Simulation

Send

Text



A4

1 (Arduino Uno R3)

```
1 byte tmp=A1;
2 byte buzzer=2;
3 byte buzzer1=3;
4 byte PIR=A0;
5 int tmplevel,tmplevel1,PIR1;
6 void setup()
7 {
8     pinMode(buzzer,OUTPUT);
9     pinMode(tmp,INPUT);
10    pinMode(PIR,INPUT);
11    pinMode(buzzer,OUTPUT);
12    pinMode(buzzer1,OUTPUT);
13    Serial.begin(9400);
14 }
15
16 void loop()
17 {
18     tmplevel=analogRead(tmp);
19     PIR1=digitalRead(PIR);
20     tmplevel1=tmplevel*0.488;
21     if(tmplevel1>60)
22     {
23         Serial.println(tmplevel1);
24         digitalWrite(buzzer,HIGH);
25         delay(100);
26     }
27     else
28     {
29         Serial.println("temperature low");
30         digitalWrite(buzzer,LOW);
31     }
32     if(PIR1==HIGH)
```



Serial Monitor

**Code****Start Simulation****Text****A4** ▾

1 (Arduino Uno)

```
15
16 void loop()
17 {
18     tmplevel=analogRead(tmp);
19     PIR1=digitalRead(PIR);
20     tmplevel1=tmplevel*0.488;
21     if(tmplevel1>60)
22     {
23         Serial.println(tmplevel1);
24         digitalWrite(buzzer,HIGH);
25         delay(100);
26     }
27     else
28     {
29         Serial.println("temperature low");
30         digitalWrite(buzzer,LOW);
31     }
32     if(PIR1==HIGH)
33     {
34
35         Serial.println("movement detected");
36         digitalWrite(buzzer1,HIGH);
37         delay(100);
38     }|
39
40     else
41     {
42         Serial.println("movement not detected");
43         digitalWrite(buzzer1,LOW);
44     }
45 }
46
```

**Serial Monitor**