

```
void setup(){  
    Serial.begin(9600);  
    pinMode(7,INPUT);  
    pinMode(6,OUTPUT);  
}  
void loop(){  
    double data=analogRead(A1);  
    double n=data/1024;  
    double volt=n*5;  
    double off=volt-0.5;  
    double temp=off*100;  
    Serial.print("Temperature Data= ");  
    Serial.println(temp);  
    int motion=digitalRead(7);  
    if(temp>=60)  
    {  
        tone(6,100);  
        delay(1000);  
    }  
    else if (motion==1)  
    {  
        tone(6,200);  
        delay(1000);  
    }  
    else  
    {  
        noTone(6);  
        delay(1000);  
    }  
}
```

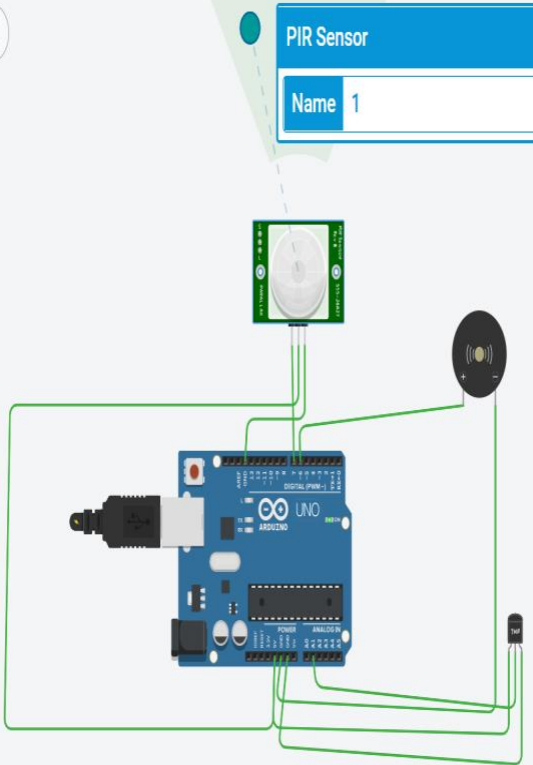
Circuit design Sizzling Kup | X

tinkercad.com/things/9WlrQcLejvh-sizzling-kup/editel

TINKERCAD Sizzling Kup All changes saved

Simulator time: 00:00:36 Code Stop Simulation Send To

PIR Sensor Name 1



```
10 double off=volt-0.5;
11 double temp=off*100;
12 Serial.print("Temperature Data= ");
13 Serial.println(temp);
14 int motion=digitalRead(7);
15 if(temp>=60)
16 {
17   tone(6,100);
18   delay(1000);
19 }
20 else if (motion==1)
21 {
22   tone(6,200);
```

Serial Monitor

Temperature Data= 85.74
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Send Clear

1 (Arduino Uno R3)

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