



Components
Basic

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- PIR Sensor
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```
int pinSensor =2; int pinBuzzer
=7; int pirSensor =0; float
sensor=A3; float analog; float
tempv; float tempc; float tempf;
void setup() {
pinMode(pinSensor, INPUT);
pinMode(sensor, INPUT);
pinMode(pinBuzzer, OUTPUT);

    Serial.begin(9600);
} void loop() {
analog=analogRead(sensor);
tempv=analog*5.0/1023;
tempc=(tempv-0.5)*100.0;
tempf=((tempc*9.0)/5.0)+32.0;
Serial.print("temperature:");
Serial.println(tempc); if
(tempc >=60)

{
tone(pinBuzzer, 200, 100);
```

```
    } delay(100); pirSensor =  
digitalRead(pinSensor); if  
(pirSensor == HIGH)  
  
    {  
tone(pinBuzzer, 1000, 500);  
    } delay(100);  
  
}
```