

```
SOURCE CODE:
void setup()
{
Serial.begin(9600);
 pinMode(2,OUTPUT);
pinMode(4,INPUT);
}
void loop()
{
int motion = digitalRead(4);
double data = analogRead(A2);
 double n = data/1024;
 double volt = n*5;
 double off = volt - 0.5;
 double temp = off * 100;
 if(temp>60){
```

tone(2,100,2000);

```
}
else if(motion==1){
  tone(2,200,2000);
}
else{
  noTone(2);
}
```



