```
Code:
void setup()
Serial.begin(9600);
pinMode(3,OUTPUT);
 pinMode(7,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(2,1000,1000);
 else if(motion==1){
  tone(2,2000,1000);
}
 else{
 noTone(2);
}
```

```
₹/ Code
                                                                                                                      Start Simulation
                                                                                                                                              Send To
                                                                                                                              1 (Arduino Uno R3)
                                     Text
  1 void setup()
      Serial.begin(9600);
pinMode(3,OUTPUT);
       pinMode(7,INPUT);
  6
7 }
  8 void loop()
 9 {
 int motion = digitalRead(4);
double data = analogRead(A2);
      double n =data/1024;
 13
       double volt= n*5;
       double off=volt-0.5;
 15
       double temp= off*100;
 16 if(temp>60){
17
18 }
         tone(2,1000,1000);
19 else if(motion==1){
19 else if(motion==1){
20     tone(2,2000,1000);
21    }
22    else{
23     noTone(2);
24    }
25    }
Serial Monitor
```

