ARDUINO UNO CODE

```
void setup()
{
  Serial.begin(9600);
  pinMode(2,INPUT);
  pinMode(12,OUTPUT);
}
void loop()
{
  int motion=digitalRead(2);
  if(motion==1){
  Serial.println("Motion detected");
  tone(12,10);
    delay(1000);
    noTone(12);
    delay(1000);
  }
  else{
    Serial.println("No motion");
```

```
}
double data=analogRead(A2);
double n=data/1024;
double volt=n*5;
double off=volt-0.5;
double temperature=off*100;
Serial.print("Temperature data: ");
Serial.println(temperature);
if(temperature>60.00)
{
  tone(12,100);
  delay(500);
  noTone(12);
  delay(500);
}

}
```