```
void setup()
{
  Serial.begin(9600);
  pinMode(2,INPUT);
  pinMode(12,OUTPUT);
}

void loop()
{
  double data=analogRead(A2);
  double n=data/1024;
  double volt=n*5;
  double off=volt-0.5;
  double temperature=off*100;
  if(temperature>60)
  {
   tone(12,1000);
   delay(1000);
   noTone(12);
   delay(1000);
  }
  else
  {
   noTone(20);
  }
  int motion=digitalRead(2);
  if(motion==1)
  {
   tone(12,1000);
```

```
  delay(1000);

  noTone(12);

  delay(1000);

}

else

{

  noTone(20);

}

}
```