```
int temppin=A0;//for the tempsensor working
float temp=0;
int piezoPin= 8;
float PIR=3;//for the pirsensor working
void setup() {
Serial.begin(9600);
 pinMode(temppin,INPUT);
 pinMode(PIR,INPUT);
 pinMode(piezoPin,OUTPUT);
}
void loop() {
 if(digitalRead(PIR)==HIGH){
  digitalWrite(piezoPin,HIGH);
  tone(piezoPin,1000);
       delay(1000);
       noTone(piezoPin);
  Serial.println("Movement Detected");
}
double data=analogRead(temppin);
 double n=data/1024;
 double temp=((n*5)-0.5)*100;
Serial.print("temp: ");
 Serial.println(temp);
if (temp >60) {
       digitalWrite(piezoPin,HIGH);
```

```
tone(piezoPin,45,50);
      Serial.println(" It's hot");
}
}
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                                                                                                                                                                                                                                        ▶ Start Simulation
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                                                                                                                                                                 Text
                                                                                                                                                                                                                                                    1 (Arduino Uno R3)
                                                                                                                                                                     int piezoPin= 8;
float PIR=3;//for the pirsensor working
void setup() {
Serial.begin(9600);
pinMode(temppin,INPUT);
pinMode(PIR,INPUT);
pinMode(piezoPin,OUTPUT);
}
                                                                                                                                                                    plimove.,
}
void loop() {
   if(digitalRead(PIR)==HIGH){
        digitalWrite(piezoPin,HIGH);
        tone(piezoPin,1e0e);
        delay(100e);
        noTone(piezoPin);
        Serial.println("Movement Detected");
}

--malogRead(temppin);
                                                                                                                                                             Serial.println("Movement Detect
by double data=analogRead(temppin);
double n=data/1024:
Serial Monitor
                                                                                                                                                                                                                                                      Send Clear
```

The code didn't for the pir sensor, maybe the connection is wrong.