All changes saved

Simulator time: 00:00:26

Code   Sto

```
  6    }
  7    void loop()
  8    {
  9       int motion=digitalRead(2);
 10       if(motion==1){
 11          Serial.println("Motion detecte
 12          tone(12,10);
 13          delay(1000);
 14                        }
 15          else{
 16          Serial.println("No motion");
 17           }
 18          double data=analogRead(A2);
 19          double n=data/1024;
 20          double volt=n*5;
 21          double off=volt-0.5;
 22          double temperature=off*100;
 23          Serial.print("Temperature dat
 24          Serial.println(temperature);
```
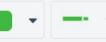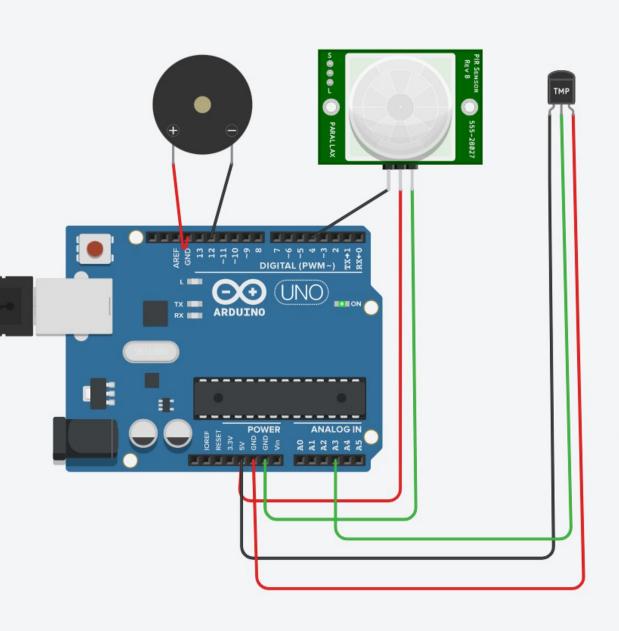
Serial Monitor

```
No motion
Temperature data:143.85
No motion
Temperature data:295.21
No motion
Temperature data:145.31
```