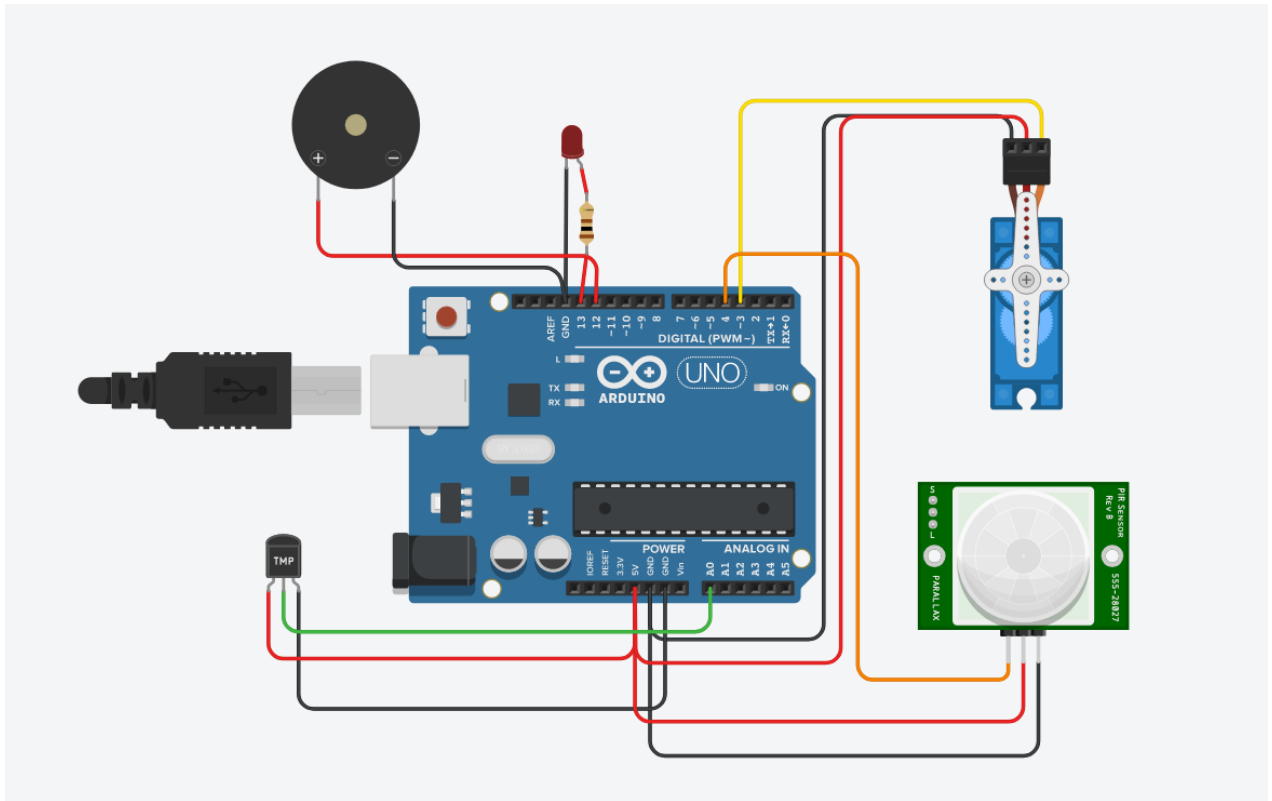


# SMART HOME AUTOMATION



## Code:

```
#include<Servo.h>

Servo s;

int o=4;

void setup()
{
  Serial.begin(9600);
  pinMode(13,OUTPUT);
  pinMode(12,OUTPUT);
  s.attach(3);
}

void loop()
```

# SMART HOME AUTOMATION

```
{  
  double a = analogRead(A0);  
  double tmp = (((a/1024)*5)-0.5)*100;  
  Serial.print("Temperature value: ");  
  Serial.println(tmp);  
  if(tmp>100)  
  {  
    Serial.print("HIGH TEMPERATURE");  
    tone(12,0);  
    for(int i=0;i<3;i++)  
    {  
      digitalWrite(13,1);  
      delay(1000);  
      digitalWrite(13,0);  
      delay(500);  
      tone(12,1000);  
      delay(1000);  
      tone(12,0);  
    }  
  }  
  else  
  {  
    noTone(12);  
  }  
  s.write(0);  
  int l=digitalRead(o);
```

# SMART HOME AUTOMATION

```
if(l==1)
{
  Serial.println("OPEN");
  s.write(90);
  delay(tmp);
}
delay(1000);
}
```