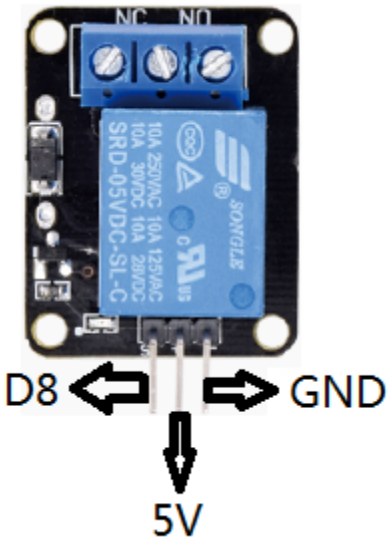
Application of relays

The relay is a kind of automatic control device that can change the output when the input amount (electricity, magnetism, sound, light, heat) reaches a certain value. In life we often need to use high voltage, low voltage control is often said that the small current to control large current problems, such as using Arduino controller to control the fan of high-power electrical appliances when we're going to use the relay.

Relay belongs to digital signal module, we through the opening and closing relay digital signal to relay to control the power equipment, we use the Arduino digital interface, 8 of the controller, after a delay of 1 second output level, the output low level 1 second, is the switch for a second and then on a second.



CODE:

```
/*This is our website www.weikedz.com
For bulk orders, please feel free to contact
sophie@weikedz.com. If any question, for orders,
for technical problems, pls contact us.
We will response you fastest time. */
```

```
int RelayPin =8; // Define the digital interface 8

void setup()

{

pinMode(RelayPin, OUTPUT); // Define the RelayPin interface as the output interface

}

void loop()
```

{

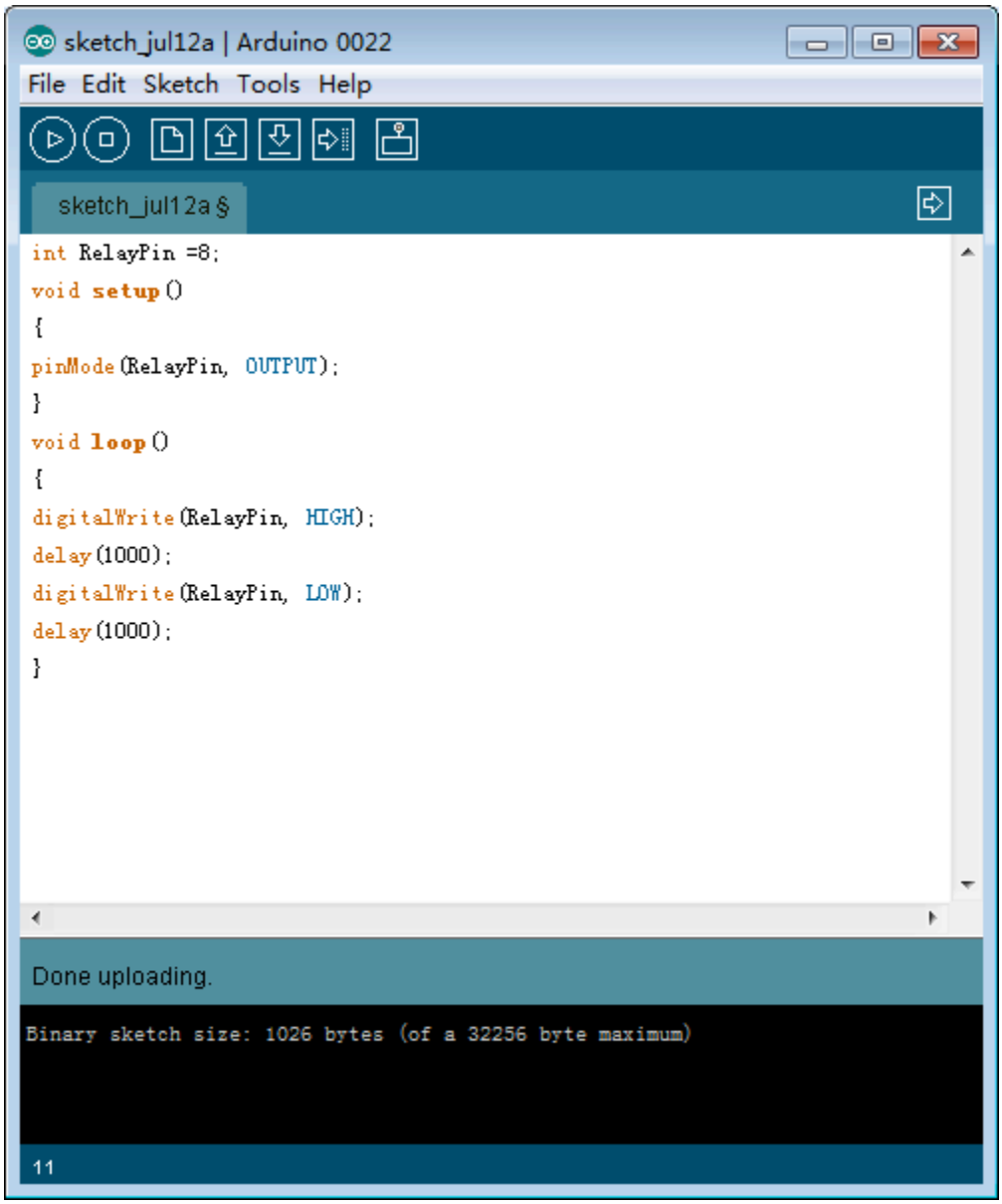
digitalWrite(RelayPin, HIGH); // Drive relay closure guide

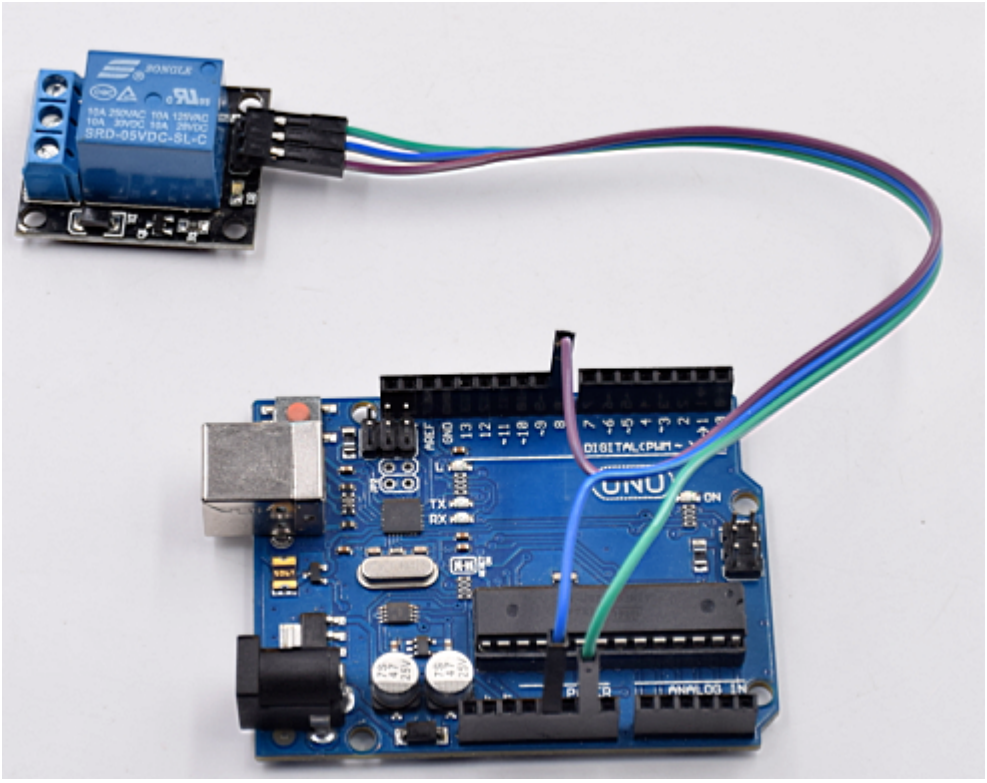
delay(1000); // Delay 1 second

digitalWrite(RelayPin, LOW); // The driving relay is disconnected

delay(1000); // Delay 1 second

}





With the relay module, we can control the 220V electric light, which is as easy as controlling the led.