

# 5V\_relay-Experiment

## Overview







This lesson will teach you how to use Relay module, which is simple and easy to use.

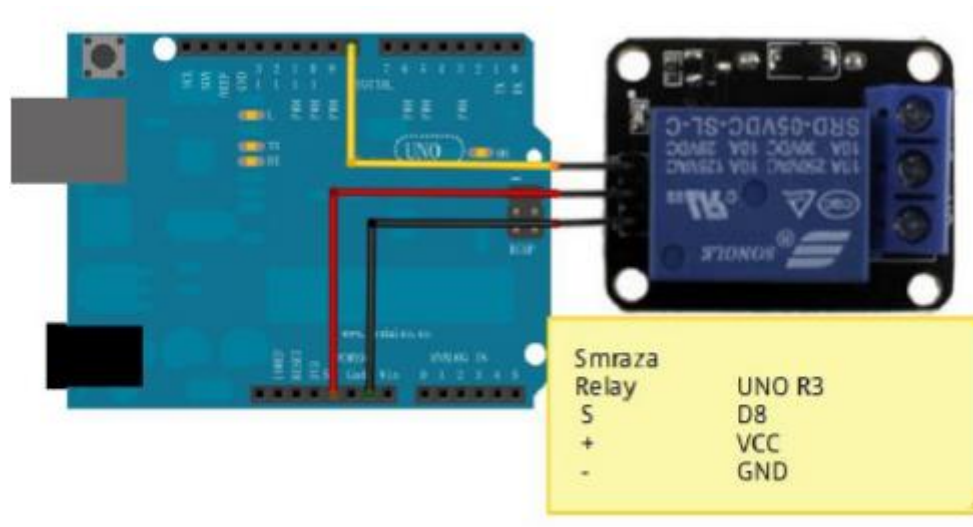
## Pin definition

UNO R3	Relay
GND	"_"
5V	"+"
S	D8

## Hardware required

Material diagram	Material name	Number
	Relay module	1
	UNO R3	1
	USB Cable	1
	Male to Female Jumper wires	several

## Connection diagram



## Sample code

**Note:** sample code under the **Sample code** folder

```
const int relay=8;
```

```
void setup() {
```

```
    // put your setup code here, to run once:
```

```
    pinMode(relay,OUTPUT);
```

```
}
```

```
void loop() {
```

```
    // put your main code here, to run repeatedly:
```

```
    digitalWrite(relay,HIGH);
```

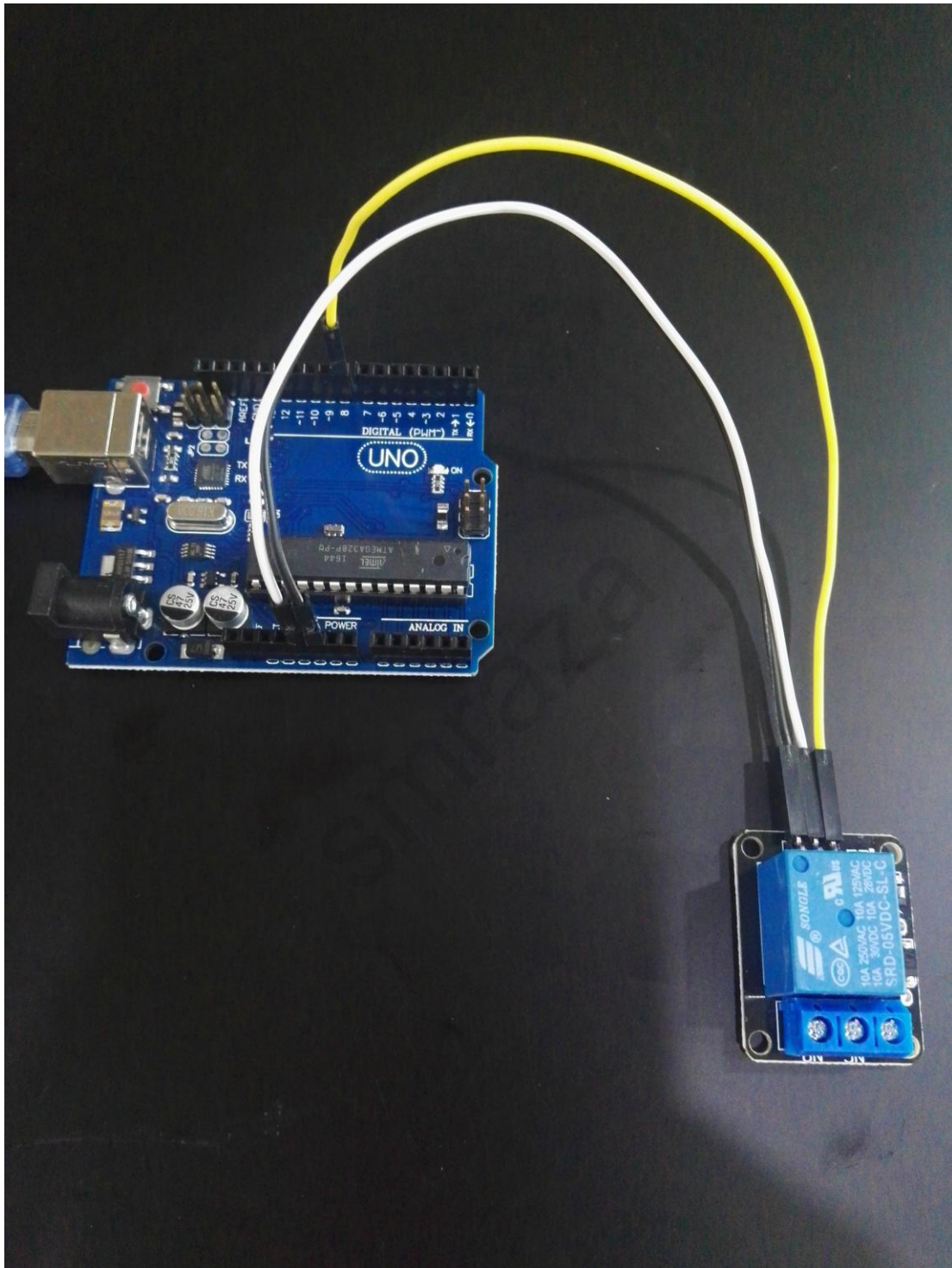
```
    delay(2000);
```

```
    digitalWrite(relay,LOW);
```

```
    delay(2000);
```

```
}
```

## Example picture



## Language reference

**Tips** : Click on the following name to jump to the web page.

If you fail to open, use the Adobe reader to open this document.

[pinMode\(\)](#)

[digitalWrite\(\)](#)

## Application effect

When the program upload is complete, you will hear the voice "Di Da Di Da ~ ~ ~ ~"

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