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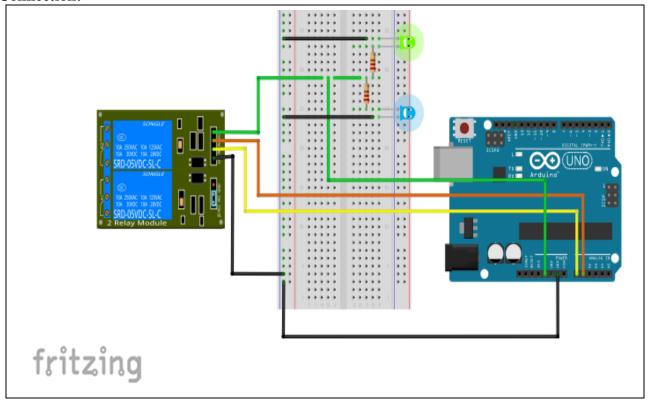
Application1: Arduino with Songle 2-Channel 5VDC Relay Module

This tutorial is for connecting your Arduino to a 2 Channel relay module by using the Arduino sketch to control the switches.

Component needed:

- Arduino UNO
- Songle 2-Channel 5VDC Relay Module
- 2 LED
- 2 220 ohm resistors
- Some jumpers wire

Connection:



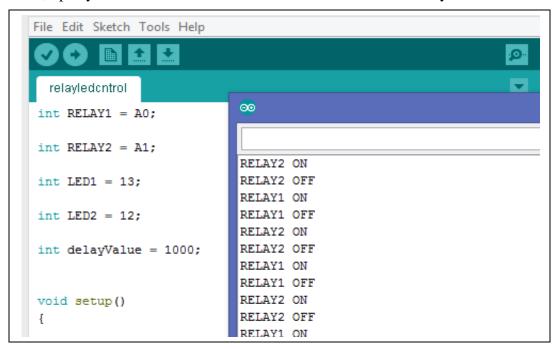
Arduino	Relay	Arduino	LED1, LED2, RES1, RES2
Relay GND	->> Arduino GND	GND	>> (-VE LED1 & -VE LED2)
Relay IN1	->> Arduino A0	5V	>> (RES1 & RES2)
Relay IN2	->> Arduino A1		
Relay VCC	>> Arduino 5V		

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- 1. Connect the relay, resistor and LED to the Arduino UNO. Please ensure the resistor 1 and resistor 2 is connected parallel to LED 1 and LED 2 respectively.
- 2. After that, upload the sketch in the Arduino IDE.
- 3. Then, open your serial monitor. Observe this information below in your serial monitor.



Conclusion:

When the first relay is on, the blue LED will lights up and the white LED is off. It is vice versa for the second relay.

