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/*
 * This program is to test 2-Channel Relay Board interfacing with Arduino
 *
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 *
 * Connect digital pin 2 of Arduino to IN1 of relay
 * Connect digital pin 3 of Arduino to IN2 of relay
 * Connect the Gnd Pin of Arduino to Gnd Pin of Relay
 *
 * Upload the code and check the status of the relay
 */

#define Relay1 2
#define Relay2 3

void setup()
{
    pinMode(Relay1, OUTPUT);          //declaring pin 2 and 3 as output
    pinMode(Relay2, OUTPUT);
}

void loop()
{
    // The relay module works in Active low configuration,
    // Hence it will be turned ON by sending LOW
    // and turned OFF by sending HIGH

    digitalWrite(Relay1, LOW);        //Making Relay1 ON
    delay(500);
    digitalWrite(Relay1, HIGH);       //Making Relay1 OFF
    delay(500);
    digitalWrite(Relay2, LOW);        //Making Relay2 ON
    delay(500);
    digitalWrite(Relay2, HIGH);       //Making Relay2 OFF
    delay(500);                       //Delay of 0.5 ms
}

```