To Interface DC motor with MSP430G2553, rotate motor clockwise and
anticlockwise with a delay of 2 seconds

```c
#include <msp430.h>

#define IN1_PIN     BIT0 // Control pin 1
#define IN2_PIN     BIT1 // Control pin 2

void delay(unsigned int time_ms) {
    // Delay function to pause execution for the specified time
    unsigned int i, j;
    for (i = 0; i < time_ms; i++) {
        for (j = 0; j < 1000; j++) {
            // Adjust the loop count for the desired delay
duration
            __no_operation();
        }
    }
}

void main(void) {
    WDTCTL = WDTPW | WDTHOLD; // Stop the Watchdog Timer

    P1DIR |= IN1_PIN + IN2_PIN; // Set control pins as outputs

    while (1) {
        // Rotate the motor clockwise
        P1OUT |= IN1_PIN;
        P1OUT &= ~IN2_PIN;

        delay(2000); // 2-second delay

        // Rotate the motor counterclockwise
        P1OUT &= ~IN1_PIN;
        P1OUT |= IN2_PIN;

        delay(2000); // 2-second delay
    }
```

```
}
```