// Code that flashes the red LED

#include <msp430fr6989.h>

#include <stdint.h>

#define redLED BIT0 // Red LED at P1.0

#define greenLED BIT7 // Green LED at P9.7

void main(void) {

volatile uint32\_t i; // unsigned int 32-bit type

WDTCTL = WDTPW | WDTHOLD; // Stop the Watch-dog timer

PM5CTL0 = PM5CTL0 & ~LOCKLPM5; // Disable GPIO power-on default high-impedance mode

P1DIR = P1DIR | redLED; // Direct pin as output

P1OUT = P1OUT & ~redLED; // Turn LED Off

P9DIR = P9DIR | greenLED; // Direct pin as output

P9OUT = P9OUT & ~greenLED; // Turn LED Off

for(;;) {

// Delay loop

P1OUT = P1OUT ^ redLED; // Toggle the LED

for(i=0; i< 120000; i++) {

}

P9OUT = P9OUT ^ greenLED; // Toggle the LED

}

}