/\*

This code was designed by Ioannis Masklavanos on November 19th 2020.

It is intended for academic use at the Dept. of Informatics and Telecommunication

of University of Ioannina.

\*/

/\*

This code was designed and compiled at Code Composer Studio v10.1

It was designed for use with TI MSP430F5529

\*/

/\*

This code blinks the red led.

The delay between each blink is determined by the size of variable "i"

\*/

**#include** <msp430.h>

/\*\*

 \* main.c

 \*/

**int** **main**(**void**)

{

 WDTCTL = WDTPW | WDTHOLD; // stop watchdog timer

 P1DIR |= 0x01; //Configure P1.0 as output

 **volatile** **unsigned** **int** i;

 **while**(1) // for(;;)

 {

 P1OUT = 0x01; //Led high

 **for**(i=10000; i>0; i--); //delay

 P1OUT = 0x00; //Led low

 **for**(i=10000; i>0; i--); //delay

 }

}