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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.

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

It was designed for use with TI MSP430F5529

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This code blinks the red led.

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

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**#include** <msp430.h>

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\* main.c

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**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

}

}