```c
/*****************************************************************
* File: Blinking_LED.c
* Author: Malakabot
* Description: Parpadeo de LED_RED en el PIN_C6
* Hardware: PIC18F2550, Cristal 20Mhz, MKBot v.3
* Created: 21 agosto 2021
*****************************************************************/

#include <xc.h>
#pragma config PLLDIV = 5 // PLL Prescaler Selection bits (Divide by 5 (20 MHz oscillator input))
#pragma config CPUDIV = OSC1_PLL2// System Clock Postscaler Selection bits ([Primary Oscillator Src: /1][96 MHz PLL Src: /2])
#pragma config FOSC = HSPLL_HS // Oscillator Selection bits (HS oscillator, PLL enabled (HSPLL))
#pragma config LVP = OFF // Single-Supply ICSP Enable bit (Single-Supply ICSP disabled)
#define _XTAL_FREQ 48000000 // Frecuencia de trabajo 48MHz (gracias al PLL)

void main() {

    TRISCbits.TRISC6=0; // PIN_C6 de salida

    while(1){
        LATCbits.LATC6 = 1;
        __delay_ms(500);
        LATCbits.LATC6 = 0;
        __delay_ms(500);
    }

}
```