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/******  
* File:      coche_fantastico.c  
* Author:    Malakabot  
* Description: Juego de luces en el Puerto B  
* Hardware:  PIC18F2550, Cristal 20Mhz, MKBot v.3  
* Created:   10 marzo 2016  
*****/
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#include <xc.h>  
#pragma config PLLDIV = 5  
#pragma config CPUDIV = OSC1_PLL2  
#pragma config FOSC = HSPLL_HS  
#pragma config LVP = OFF  
#define _XTAL_FREQ 4800000  
  
void delay_ms(unsigned int milliseconds)    // 0 - 65536ms  
{  
    int i;  
    for (i=0; i<milliseconds; i++)  
        __delay_ms(1);  
}  
  
void main() {  
    TRISB=0b00000000;    // Todo el puerto B de salida (TRISB=0x00;)  
    while(1){  
        LATB = 0b00001000;  
        delay_ms(200);  
        LATB = 0b00010100;  
        delay_ms(200);  
        LATB = 0b00100010;  
        delay_ms(200);  
        LATB = 0b01000001;  
        delay_ms(200);  
        LATB = 0b00100010;  
        delay_ms(200);  
        LATB = 0b00010100;  
        delay_ms(200);  
    }  
}
```