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1  /*
2   * File:    main.c
3   * Author:  Indrajith N S
4   * Description: Blinking LED with Delay
5   * Created on 19 February, 2025, 9:31 PM
6   */
7
8
9  #include <xc.h>
10 #define _XTAL_FREQ 20000000 // 20MHz Clk Frequency
11 #pragma config WDTE = OFF
12
13 void init_config(void) {
14     //Do initialization
15
16     TRISD = 0x00; //All Port C are Output
17 }
18
19 void main(void) {
20     init_config();
21     while (1) {
22         //Application here
23
24         PORTD = 0x04; // 0000 0100 RD2 is High
25         __delay_ms(1000); // 1 Sec Delay
26
27         PORTD = 0x00; // 0000 0000 RD2 is Low
28         __delay_ms(1000); // 1 Sec Delay
29     }
30     return;
31 }
32

```