

```
1 // PIC16F877A Configuration Bit Settings
2
3 // 'C' source line config statements
4
5 // CONFIG
6 #pragma config FOSC = EXTRC // Oscillator Selection bits (RC oscillator)
7 #pragma config WDTE = OFF // Watchdog Timer Enable bit (WDT disabled)
8 #pragma config PWRTE = OFF // Power-up Timer Enable bit (PWRT disabled)
9 #pragma config BOREN = OFF // Brown-out Reset Enable bit (BOR disabled)
10 #pragma config LVP = OFF // Low-Voltage (Single-Supply) In-Circuit Serial P
11 #pragma config CPD = OFF // Data EEPROM Memory Code Protection bit (Data EE
12 #pragma config WRT = OFF // Flash Program Memory Write Enable bits (Write p
13 #pragma config CP = OFF // Flash Program Memory Code Protection bit (Code
14
15 // #pragma config statements should precede project file includes.
16 // Use project enums instead of #define for ON and OFF.
17
18 #include <xc.h>
19 #define _XTAL_FREQ 6000000 //to set the clock speed
20 void main()
21 {
22     TRISD=0x7B; //intialize the i/p or o/p
23     while(1)
24     {
25         PORTD=0x80; //1000 0000
26         __delay_ms(3000); //delay 3sec
27         PORTD=0x84; //1000 0100
28         __delay_ms(3000); //delay 3sec
29         PORTD=0x04; //0000 0100
30         __delay_ms(3000); //delay 3sec
31         PORTD=0x00; //0000 0000
32         __delay_ms(3000); //delay 3sec
33     }
34 }
35
```

main

Configuration Bits Configuration Bits Output

30°C Mostly cloudy

Search