LED Blink

```
#include <xc.h>

// CONFIG
#pragma config FOSC = HS     // Oscillator Selection bits (RC oscillator)
#pragma config WDTE = OFF    // Watchdog Timer Enable bit (WDT disabled)
#pragma config PWRTE = OFF   // Power-up Timer Enable bit (PWRT disabled)
#pragma config BOREN = OFF      // Brown-out Reset Enable bit (BOR
disabled)
#pragma config LVP = OFF        // Low-Voltage (Single-Supply) In-Circuit
Serial Programming Enable bit (RB3 is digital I/O, HV on MCLR must be
used for programming)
#pragma config CPD = OFF        // Data EEPROM Memory Code Protection bit
(Data EEPROM code protection off)
#pragma config WRT = OFF        // Flash Program Memory Write Enable bits
(Write protection off; all program memory may be written to by EECON
control)
#pragma config CP = OFF         // Flash Program Memory Code Protection
bit (Code protection off)

// #pragma config statements should precede project file includes.
// Use project enums instead of #define for ON and OFF.

#define _XTAL_FREQ 20000000
////////////////////////////////////////////////////////////

main()
{
  char i;
  TRISC3=0;             //making PORTC 0th bit output
  RC3=1;                //making PORTC 0th bit digital high
  for(i=0;i<=100;i++)
  {
      __delay_ms(10);  //creating 10mili second delay(HITECHC function)
  }
  RC3=0;    //making PORTC 0th bit digital low
  while(1);//infinite loop to avoid processor to run unprogrammed area
}
```