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//Generate a signal ation PORTB pin RB0 using timer0 module
#include <16F877A.h>
#FUSES NOWDT,XT,PUT, NOPROTECT,BROWNOUT, NOLVP, NOCPD, NOWRT
#use delay(clock:4000000)
#use fast_io(B)
#int_TIMER0 void TIMER0_isr()
{
output_bit(PIN_B0,0);//RB0 at low voltage level
delay_ms(100);         //delay 0.1 seconds
}
void main()
{
set_tris_b(0x00);       //portb pins set as output
output_b(0x00);         //clear portb data
set_timer0(0);//set TMR0 initial value to zero
setup_timer_0(RTCC_INTERNAL|RTCC_DIV_256);      //set timer0 mode
enable_interrupts(INT_TIMER0);      //enable timer overflow interrupt
enable_interrupts(GLOBAL);   //enable global interrupt
while(TRUE)
{
output_bit(PIN_B0,1);//RB0 at high voltage level
}
} //end of main
```