#include <p18f4550.h>

void timer\_isr(void);

void delay\_ms(unsigned int);

extern void \_startup (void);

#pragma code RESET\_INTERRUPT\_VECTOR = 0x1000

void reset (void)

{

\_asm

goto \_startup

\_endasm

}

#pragma code HIGH\_INTERRUPT\_VECTOR = 0x1008

void high\_ISR (void)

{

\_asm

goto timer\_isr

\_endasm

}

#pragma code

#pragma interrupt timer\_isr

void timer\_isr(void)

{ TMR0H = 0X6D;

TMR0L = 0X82;

PORTDbits.RD0 = ~PORTDbits.RD0; //Toggle the PORTB led outputs RD0

INTCONbits.TMR0IF = 0;

}

void main()

{

TRISD = 0;

PORTD=0;

T0CON = 0x03;

TMR0H = 0x6D;

TMR0L = 0x82;

INTCONbits.GIE = 1;

INTCONbits.TMR0IE = 1;

T0CONbits.TMR0ON = 1;

while(1);

}

void delay\_ms(unsigned int time)

{ unsigned int i,j;

for (i=0;i<time;i++)

for (j=0; j<710;j++);

}