

```
//Thirumalainambi   Maharaja
//TE-D
//EXP8
//304D074
```

```
#include<p18f4550.h>
```

```
void timerInit(void)
{
    TOCON = 0b00000111;
    TMROH = 0xED;
    TMR0L = 0xB0;
}
```

```
void Interrupt_Init(void)
{
    IPEN = 1;
    INTCON = 0b11100000;
    TMR0IP = 0;
}
```

```
void interrupt low_priority timerinterrupt(void) {
    if(TMR0IF == 1)
    {
        TMR0ON = 0;
        TMR0IF = 0;
        LATB = ~LATB;
        TMROH = 0xED;
        TMR0L = 0xB0;
        TMR0ON = 1;
    }
}
```

```
void main(void)
{
    TRISB = 0x00;
    LATB = 0xFF;

    Interrupt_Init();
    timerInit();
    TMR0ON = 1;
    while(1);
}
```