

```

LIST P=16F877
#include <P16F877.inc>
TEMP EQU 0X55

```

```

ORG 0X00
GOTO MAIN
ORG 0X04
GOTO ISR

```

```

MAIN:
BANKSEL TRISC
CLRF TRISC

BANKSEL OPTION_REG
MOVLW 0X00
MOVWF OPTION_REG

```

```

BANKSEL INTCON
BSF INTCON,GIE
BSF INTCON,TOIE
MOVLW B'10000001'
MOVWF TMR0

```

```

ISR:
BTFSS INTCON,TOIF
RETURN
GOTO LEDON
LEDON:
MOVLW 0X38
MOVWF PORTC
BCF INTCON,TOIF
BANKSEL PORTC
SWAPF PORTC,F
RETFIE

```

```

END

```

