```
" Table read: PM -> Lauh -> DM
     TBLRD *+
     MOVF TABLAT, W
     MOVWF POSTINLO
" Delay $1算: clock period = las , 然 delay looms
     MOVEM : Lycla
     MOVWF: Lyule

| inst. cycle = 4 clock period = 4 us

| DELF: Lyule | 100 \div 4 = 2510 inst. cycle

| BNB: \frac{7}{1} yule | 1+1+\frac{(1+2)}{1} x (count - 1) + (1+1) = 75 \Rightarrow count = 8
                                     5 Rop $ 1/p 5 1/p 5 MOVIN D'8'
· Pelay 計算: IMHB PILIBF
    ·黑水龙LED (povel bit1)
    BUF TRISU, TRISU // output
    BSF PORTL, RLT
·七段顯禾器(令0~9分別存在0×100~0×109),且poveA的0-3bit為開開
     MOVLW DXOF
     MOVNF ADLON 1 //port A. B. Esdigital IO
     LLRF TRISB //port $ output
     LFSR O DX100
loop:
    MOVF PORTA, W
    ANDLW B'0000 1111' //取後4 bit
     MOVER PLUSWO, PORTB // poroB = [0x100+ WREG]
     BRA LOOP
```

```
· Polled 10
 Begin:
     BLF PORTD, RDO / turn off LED
     BTFSS PORTB, RBo/check RBo是态1, skip if 1, 否則航 polled IO
         BRA Bagin
"Interrupt 10 (INTO): 4 INTO 1/2 high priority
  由先情なflag bit (INTxIF)
                                BLF INTLON, INTO IF
  @ $\ enable bio $\ \ (INTxIE)
                                BSF INTLON, INTO 1E
  Ø 級 61E bit為 1
                                BSF INTLON, GIE
  ● ADLON | 製成 OXOF
                                MOVIN DXOF
                                MOVWF ADLON1
    org DADO
     GOTO initial
 13R:
                                   Interrupt:
     org brob
                                       BLF INTLON, INTOIF
     RLALL Interrupt
     RETFIE
                                       RETURN
 initia:
· Timer (timer 0)
                                     · timer dalay 計算:
  BUF INTLON, THROLF
                                          delay = inst. cycle x prescaler x count
                                                                         > Timer 0, 1,3
  BSF INTLON, THROLE
  BSF INTLON, PETE
  BSF INTLON, GIE
                                          delay = inst. eyele x prescaler x postscaler x count
                                                                           5 PRZ+
  MOVLW
  MOVWF TMROH
                                     · ADU:
                                          TAD: 做一次ADU轉換所需的時間 70.7.1/s
  MOVLW
  MOUNF TMROL
                                          lacg: 77.411s
  MOVIN 6'00000 00' // prescalar
  MOVWF TOLON
```

BSF TOLON, THROOM

· ADL polled

BSF ADCONO, GO
CONV: BTFSC ADCONO, GO
BRA CONV

· ADL數值算電壓 ex: 200 (8 bit 解析)

$$\frac{755}{5-0} = 5$$

· ADC interrupt

BSF PIE, ADIE

BLF PIR1, ADIF

BSF INTLON, PETE

BSF INTLON, GIE

BSF ADLONO, GO⇒好了會自動變0

(要配再開)

· Capture mode:用来测未知器的pulse width → LLPR 從口開始數

· Compane mode: timer1H: timer1L 数到 CLPR1H: CLPR1L 时 output 訊號

· PMM mode: TMPV数到 LUPILON < 5.47 再接意数到 PRV, Lop b PMM Period = (PRV+1) × (4×TOSL) × prescaler inst. cycle

13 duty cycle = (UPRIL: CCPI LONCS:47) × 705レ× prescaler = 不用×4
整数 小数