

13_step_half

;Lampeggiatore per display 7-segmenti anodo comune su PORTD
;Lampeggia anche un led su RB0

```
List      P=PIC16F887
Include   "p16F887.inc"
ERRORLEVEL -302
__config 0x2007, 0x20E4 ;0010 0000 1110 0100
__config 0x2008, 0x3EFF ;0011 1110 1111 1111
```

```
COUNT_LEQU      0x20
COUNT_H        EQU      0x21
                ORG      0x00

                BSF      STATUS, RP0
                MOVLW    0X61
                MOVWF    OSCCON
                MOVLW    0
                MOVWF    TRISD
                MOVWF    TRISC
                MOVWF    TRISB
                BCF      STATUS, RP0
                MOVLW    0xFF
                MOVWF    COUNT_L
                MOVWF    COUNT_H

MAINLOOP        MOVLW    0x00
                MOVWF    PORTD
                MOVLW    B'00000001'
                MOVWF    PORTC
                MOVWF    PORTB
                CALL     DELAY

                MOVLW    0xFF
                MOVWF    PORTD
                MOVLW    B'00000011'
                MOVWF    PORTC
                MOVWF    PORTB
                CALL     DELAY

                MOVLW    0x00
                MOVWF    PORTD
                MOVLW    B'00000010'
                MOVWF    PORTC
                MOVWF    PORTB
                CALL     DELAY

                MOVLW    0xFF
                MOVWF    PORTD
```

		13_step_half
	MOVLW	B'00000110'
	MOVWF	PORTC
	MOVWF	PORTB
	CALL	DELAY
	MOVLW	0x00
	MOVWF	PORTD
	MOVLW	B'00000100'
	MOVWF	PORTC
	MOVWF	PORTB
	CALL	DELAY
	MOVLW	0xFF
	MOVWF	PORTD
	MOVLW	B'00001100'
	MOVWF	PORTC
	MOVWF	PORTB
	CALL	DELAY
	MOVLW	0x00
	MOVWF	PORTD
	MOVLW	B'00001000'
	MOVWF	PORTC
	MOVWF	PORTB
	CALL	DELAY
	MOVLW	0xFF
	MOVWF	PORTD
	MOVLW	B'00001001'
	MOVWF	PORTC
	MOVWF	PORTB
	CALL	DELAY
	GOTO	MAINLOOP
DEL200MS	DECFSZ	COUNT_L, 1
	GOTO	DEL200MS
	MOVLW	0xFF
	MOVWF	COUNT_L
	DECFSZ	COUNT_H, 1
	GOTO	DEL200MS
	MOVLW	0xFF
	MOVWF	COUNT_L
	MOVWF	COUNT_H
	RETURN	
DELAY	CALL	DEL200MS
	CALL	DEL200MS
	CALL	DEL200MS

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CALL	DEL200MS
CALL	DEL200MS
RETURN	
END	