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; Set up the timer control register
MOV TMOD, #01000000b ; Set timer 0 to 16-bit mode
MOV TH0, #0x3C ; Load the high byte of the timer value
MOV TL0, #0xA0 ; Load the low byte of the timer value

; Enable timer 0 and the interrupt
SETB TR0 ; Start the timer
SETB ET0 ; Enable the interrupt

; Enable interrupts
EA = 1
```

In this example, the timer control register (TMOD) is configured to set timer 0 to 16-bit mode. The high and low bytes of the timer value are then loaded into the timer registers (TH0 and TL0) to set the desired interrupt interval (1 second). Finally, the timer is started and the interrupt is enabled by setting the TR0 and ET0 bits in the timer control register, respectively.

I hope this summary helps clarify the concepts covered in the Microcontroller Registers Overview chapter.

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