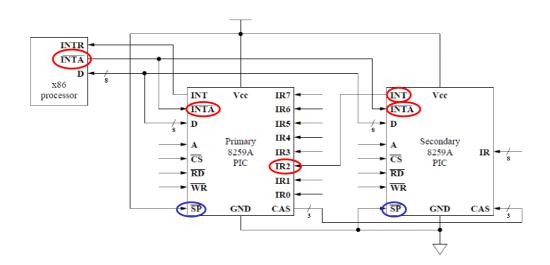
	mutual exclusion	reader/writer	
data shared by	spin_lock_irqsave	read_lock_irqsave	write_lock_irqsave
interrupt handlers	spin_unlock_irqrestore	read_unlock_irqrestore	write_unlock_irqrestore
data shared only	down	down_read	down_write
by system calls	up	up_read	up_write

type of code entering	critical section	
critical section	shares data with	for mutual exclusion, use
system calls only	other system calls	ир
		down
	interrupt handlers	spin_lock_irq
		spin_unlock_irq
both system calls	both system calls	spin_lock_irqsave
and interrupt handlers	and interrupt handlers	spin_unlock_irqrestore
interrupt handlers only	system calls	spin_lock
		spin_unlock
	higher priority	spin_lock_irqsave
	interrupt handlers	spin_unlock_irqrestore



port(A=?) info contained in Initialization Control Word

- ICW1 0 start init, edge-triggered inputs, cascade mode, 4 ICWs
- ICW2 1 high bits of vector #
- ICW3 1 primary PIC: bit vector of secondary PIC;
 - secondary PIC: input pin on primary PIC
- ICW4 1 ISA=x86, normal/auto EOI