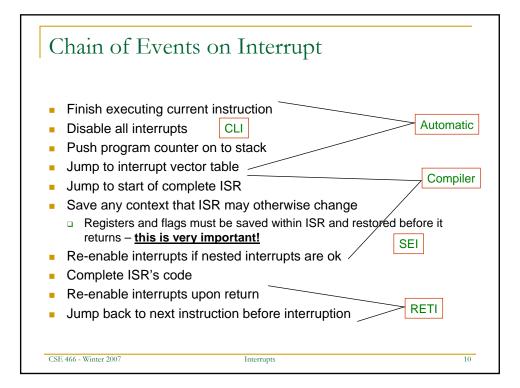
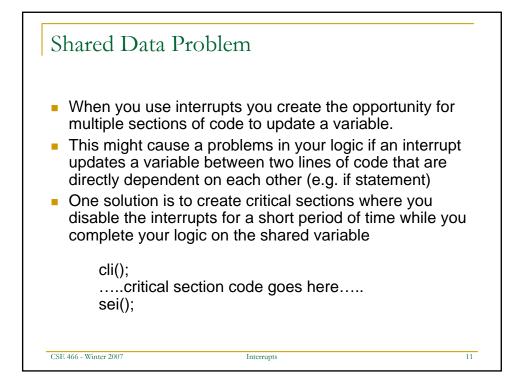
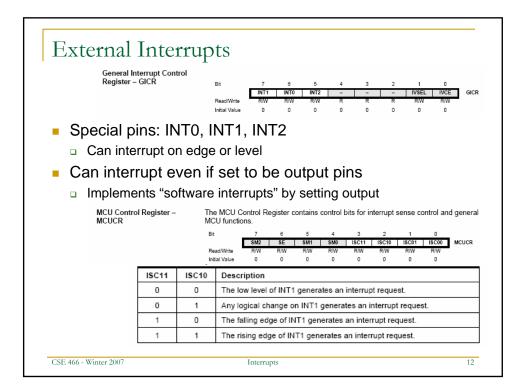
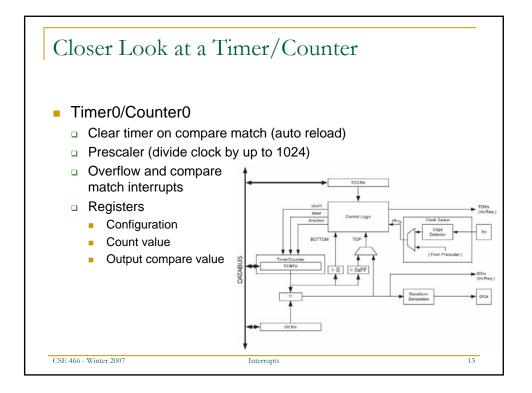


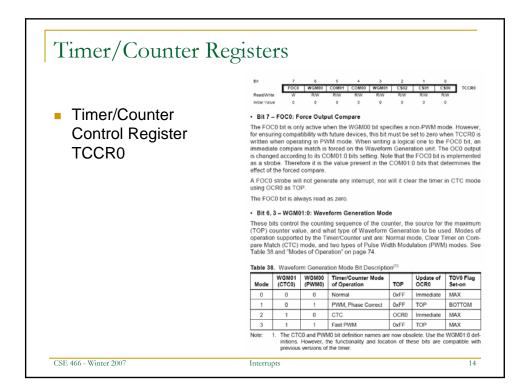
	Address	Labels	Code		Comments
	\$000	Daberto	1mp	RESET	/ Reset Handler
	\$002		jmp	EXT INTO	; IRQO Handler
	\$0.04		jmp	EXT_INT1	; IRQ1 Handler
Fixed location	\$006		jmp	TIM2_COMP	; Timer2 Compare Handler
	\$008		jmp	TIM2_OVF	; Timer2 Overflow Handler
in memory to find	\$00A		jmp	TIM1_CAPT	; Timerl Capture Handler
in memory to find	\$00C		jmp	TIM1_COMPA	; Timerl CompareA Handler
first instruction for	\$00E \$010		jmp	TIM1_COMPB TIM1_OVF	; Timerl CompareB Handler ; Timerl Overflow Handler
	\$012		jmp 1mp	TIMI_OVF	; TimerO Overflow Handler
each type of	\$014		jmp	SPI STC	; SPI Transfer Complete Handler
• •	\$016		jmp	USART RXC	/ USART RX Complete Handler
interrupt	\$018		jmp	USART_UDRE	; UDR Empty Handler
·	\$01A		jmp	USART_TXC	; USART TX Complete Handler
Only room for one	\$01C		jmp	ADC	; ADC Conversion Complete Handler
	\$01E		jmp	EE_RDY	; EEPROM Ready Handler
instruction	\$020		jmp	ANA_COMP TWSI	; Analog Comparator Handler ; Two-wire Serial Interface Handle
	\$022 \$024		jmp 1mp	EXT INT2	; NWO-WIFE SETIAL INTEFFACE Handle ; IRO2 Handler
JMP to location	\$024		1mp	TIMO COMP	; Timer0 Compare Handler
of complete ISR	\$028		1mp	SPM RDY	; Store Program Memory Ready Handle
or complete ISIX	,			-	
	\$02A	RESET :	ldi	r16, high (RAMEND)	; Main program start
	\$02B		out	SPH,r16	; Set Stack Pointer to top of RAM
	\$02C		ldi	r16,low(RAMEND)	
	\$02D		out	SPL, r16	
	\$02E \$02F		sei	r> xxx	; Enable interrupts
	\$02F		<118	.1> XXX	

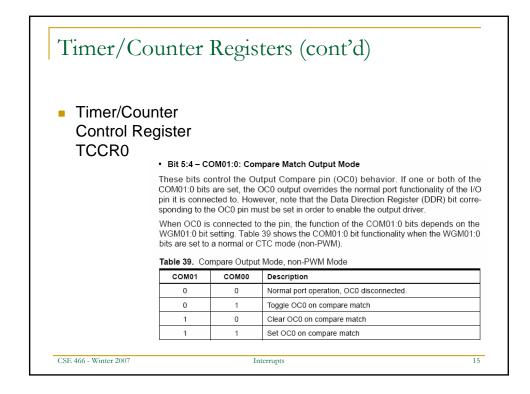


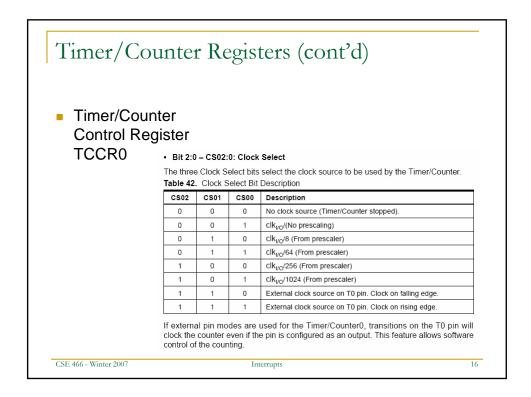


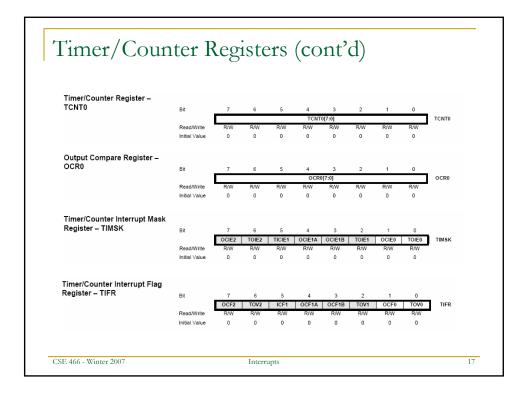


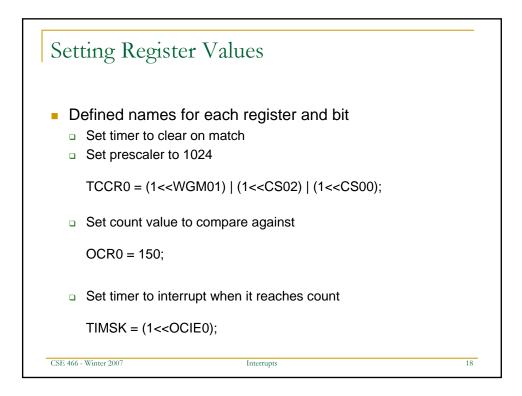


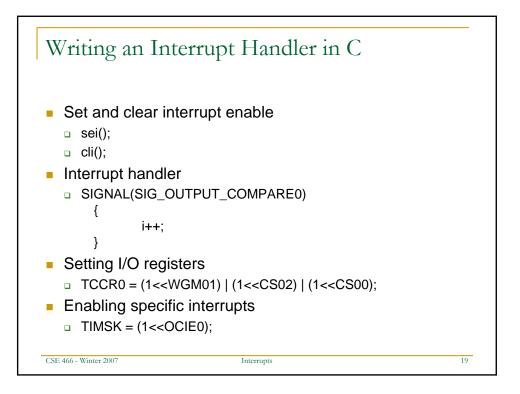


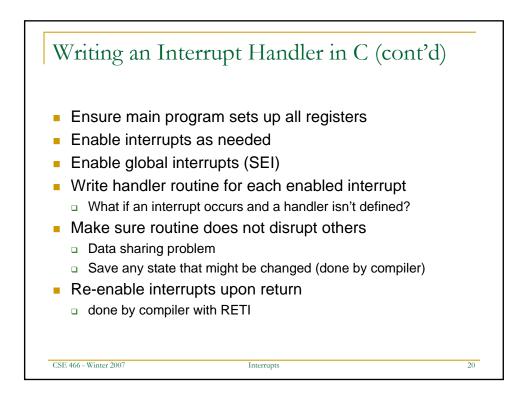


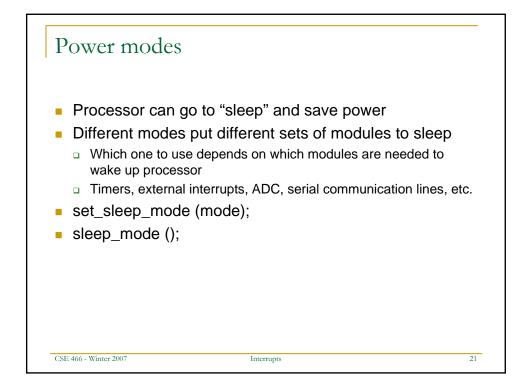












MCU Control Register – MCUCR	The MCU Control Register contains control bits for power management.   Bit 7 0 5 4 3 2 1 0 Mcucr   ReadWine SM2 SE SM1 SM0 ISC11 ISC11 ISC01 <					
	SM2	SM1	SM0	Sleep Mode		
	0	0	0	ldle		
	0	0	1	ADC Noise Reduction		
	0	1	0	Power-down		
	0	1	1	Power-save		
	1	0	0	Reserved		
	1	0	1	Reserved		
	1	1	0	Standby <sup>(1)</sup>		
	1	1	1	Extended Standby <sup>(1)</sup>		
	Note: 1. Standby mode and Extended Standby mode are only available with external crystals or resonators.					
	Bit 6 – SE: Sleep Enable					
	The SE bit must be written to logic one to make the MCU enter the sleep mode when the SLEEP instruction is executed. To avoid the MCU entering the sleep mode unless it is the programmers purpose, it is recommended to write the Sleep Enable (SE) bit to one just before the execution of the SLEEP instruction and to clear it immediately after wak- ing up.					

