Microcontrollers
In Class Work Week #1
Solve Every problem with a single pointer AND a strcture.

1. On the interrupts chapters you will find a register called INTCON. In this register you will find a bit called INT0IE. Write the instructions that create a pointer to INTCON and sets bit INT0IE

2. On the interrupts chapters you will find a register called INTCON3. In this register you will find a bit called INT1IE. Write the instructions that create a pointer to INTCON3 and sets bit INT1IE.

3. On the interrupts chapters you will find a register called PIR1. In this register you will find a bit called ADIE. Write the instructions that create a pointer to PIR1 and RESETS bit ADIE.

4. On the I/O ports chapter you will find a register called TRISA. Make the lower four bits of this register HIGH while the upper four are forced to be LOW.

5. On the Caputer/Compare/PWM chapter you will find a register called CCPxCON. In this register there is a group of four bits called CCPxM3:CCPxM0. Write the C instructions that inserts the 1010 sequence in CCPxM3:CCPxM0.

6. In the 10-Bit Analog-to-Digital converter chapter you will find the register ADCON0. This register is used to choose the Analog channel. By placing a four bit sequence in bits CHS3:CHS0 you have achieved channel selection. Write the C instructions that select channel 10.

7. In the Timer 0 chapter there is a register called T0CON. In the register you have a bit called TMR0ON. This bit is used to enable or disable the module. Write the C instructions that set TMR0ON.