MECH 423 Lecture #7.

Anatomy of on MCU program (Single Verioz) # include ... - heade files int main (void) = stant of C program { // Turn off the Worth dog timer (WDT) 11 Set up registers (SFR) = most of your code.
While (1) 1/ Kfilite 1-op while (1) // infixite 1-op 2 1/ nove code 3 - Note: MCU programs cannot end. Interrupts Interrupt Signerce Memory 1. Handware event. 0x0000] 2. Interrupt flag (1 bit) Registers -IFG
-Set regardless if is earlie xx 0001 eg Plout PLIN 3. Program Halts 4. Jump to address in the interrept Vector 7 Program S. Execute ISR

6. End of ISR > Reset IFG

Vector

Vector

Juleanyt (Address) Interrupt Service Routines OXFFFD 7. Jump back to original program OXFFFE OXFFFF

