Embedded Milestone 1 Help Session

#Instrument your code or Plassmann will not talk to you
#Don't rewire the instrumentation on your PIC board, or use the __ wire on the LA
#Cut the wires to fit the board correctly

How to give demos
-Follow the tasks on the check sheet
-Had exact specs needed for milestone

Sensors
-Use the logic analyzer to demo sensors
-Time from A/D to trigger is configured when A/D is set up
-A/D takes __ to acquire a value
-IR sensor is low impedance
-A/D goes off, now the value in the interrupt handler goes to a message queue
-While in the interrupt handler, nothing else occurs
    -main
    -while(1) // non-blocking
        -Read HighMsg
            -state machine
        -Read LowMsg
            -state machine
-Need to figure out which is high or low priority

Motors
-Use flags to check UART mode
-Interrupt handler is a hardware bit
-There is another bit that generates an interrupt
-Instruction takes 4 clock cycles
-I2C requires __ to send only one byte

ARM
OS in a nutshell
-There are schedulers
-Threads and message queues are prioritized by the schedulers

Simulation
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