

Strategy

**** Create a program Flow Diagram for each part ****

** I suggest you create 2 different programs – do not overwrite prog x to make prog y **

Part 1: Wire up the voltage divider and verify operation with a voltmeter. Configure and run the ADC – checking the code values. Convert the code value to voltages.

Part 2: Modify ADC setup for interrupts. If necessary – verify interrupt operation by putting a breakpoint in the ISR during debug. The ISR is reading the ADC values – you need a loop to print the values periodically.