Mark Demore

ECE382

Lab 1

Pre-lab Questions:

* How will you test your code? Be *specific* on how you will verify correctness of results with a *repeatable and consistent* method. Hint: Think about where you will find your results and how that location is affected by subsequent tests.

Keep a constant watch on the output location in the memory map portion of the debugger. Test cases will go through all the operators and the range of operands, including operators that are not accounted for.

* What should your program do if an operator is unknown?

If an operator is unknown the program should either terminate or default to another operator.

* Are there any bytes that you *cannot* use as an operand?

No, the bytes might just be treated differently than the user expected. Example: user input intended to be negative, treated as large positive

* Are there any other ways to break your program? For example, what would happen if someone were to provide a loooooonnnggg set of operations?

If someone were to provide a long set of operations the program might overwrite itself since the operations are stored in ROM.

* Is there anything about this lab that you would like me to address at the beginning of class?

Clarify where the i/o, program, and operations are supposed to be stored so everyone is certain of what they're doing.