

CS 231  
Spring 2015  
*Homework #5*

Due Wednesday, March 18

READ            Sections 4.11 – 4.12 (pp. 246 – 255)

DO              pp. 281-291    18, 22, 24, 25, 27b, 28, 29, 30, and the following  
                         programming problem:

1. Write, assemble, and run a program in the Marie programming language that has the following effect:

- Allow the user to input 5 numbers. Then print out the maximum of the numbers that the user entered.

Be sure to see the next page for general instructions on how to format your program and how to submit them.

## **Formatting your program**

Even for something as sparse as an assembly language program, use comments to create a heading on your program. The heading should include your name, the date, and a one- or two-sentence description of what the program does.

Be sure to include plentiful comments at main junctures throughout the program, using the comment style appropriate to the language in a neat and organized way.

## **How to submit a program for grading**

Rename your source code with your full name (first and last) followed by the number of the problem (1, in this case), and then the appropriate extension (.mas for Marie assembly language, .cpp for C++, etc.) For example, my first assembly program might be named `Catie_Welsh_1.mas`. Use the exact same format of your name for all programs that you submit over the semester, so that when they are listed in alphabetical order they will appear together and in order. Then upload the program to Moodle in the designated spot.