

### LC-3 Instruction Set Architecture and Machine Code

Please do problems 5.4, 5.7, 5.9, 5.13, 5.16, 5.22, 5.23, 5.25, and 5.31 from the textbook.

Here is an additional problem for this week:

#### 1. Lab 3 Flow Chart

Develop a flow chart for the Lab 3 program (the lab is available on the class web page). Your flow chart must break the problem down to the level of LC-3 instructions. Note the style portion of the grading rubric, and try to develop your flow chart so as to obtain full credit. The date for the lab will be pushed back one week to allow us to give you feedback on your flow chart before you turn in the final program.