Assignment 0503a
First, some initial assembly language-only (well, mostly assembly language) programs.

Outcomes
This assignment will affect your proficiency measures for outcomes 2c, 2d, 3c (for the last two programs), and 4a–4f.

For Submission
Write the following assembly language programs. Some of you may experience déjà vu, and if you do, that is completely normal :)  
• A program that “makes change” for a total number of cents provided as a lone argument: the program displays the number of quarters, dimes, nickels, and pennies needed (make-change.asm).
• A program that states whether or not a given year is a leap year, according to the current algorithm: the program accepts the year as a lone argument, then states whether or not that year is a leap year (leap-year.asm).
• Examine the list of 64-bit Linux system calls (you will find a decent number on the web) and pick two (2) system calls that you find interesting. Implement an assembly language program that invokes that system call and displays appropriate feedback (via the write system call, natch). Congratulations, you will have written a couple of Linux operating system commands!
  In all cases, do make sure to handle bad or missing arguments. Argument-handling doesn’t have to be elaborate, but the programs should at least never terminate abnormally.
  Commit your work to version control under the folder asm-intro, using the given filenames.