Week 9 Lab

This Week

Next week you will demonstrate your the fourth version of the calc program. Again, the backlog from which you will be developing is the calc backlog.

For next week you will attempt stories 19-24. These stories combine the use of structures with the use of arrays.

You will need to download **wk5-calc.zip** into your working directory using wget sp.nathanielgmartin.com/wk5-calc.zip. When you unzip it in your working directory, it will produce the same files that you found in wk4-calc. However, calc.c will contain the stubs needed for stories 19-24. You will need to the functions you wrote last week into calc.c in wk4-calc because the new program builds on the old program.

Be careful: it is very easy to overwrite files in Unix. Copy last weeks work into a safe place before you begin working, to avoid copying over you work:

Demo

Today you will be demoing the fourth set of stories from the calculator backlog: stories 15-18. These stories cover the use of arrays.

Marks

- Story 15 (15 marks)
    - Proper formatting and clean compilation (5 marks)
    - Prints array correctly (5 marks)
    - Array correctly formatted. Each number except the last is followed by a comma, the last is followed by a new line. (5 marks)
- Story 16 (15 marks)
    - Proper formatting and clean compilation (5 marks)
    - Correctly read in an array (5 marks)
    - Uses good prompts for value entry (5 marks)
- Story 17 (15 marks)

- Proper formatting and clean compilation (5 marks)
- Correctly sorts array. (10 marks)
- Story 18 (15 marks)
  - Proper formatting and clean compilation (5 marks)
  - Correctly calculated median (10 marks)