CSE 232 SS13 Lab 4 Agenda

1. Project 2 sample solution
   1. Headers
   2. variable declarations
      1. names
      2. comments: meaning/purpose, unit
      3. Do not use the same variable for multiple purposes
   3. input prompts
   4. calculation organization
   5. output formatting
   6. cout statement formatting
2. Comments
   1. Useful vs useless comments
   2. Comment placement – should usually precede code
   3. Comments in control structures
3. Project 3
   1. Commenting logic, nested logic
4. Lab 4
   1. C++ file structure
      1. Sources (.cpp) contain definitions
      2. Headers (.h) contain declarations only (except with templates)
      3. To use functions and classes from another source file (.cpp), #include the corresponding header (.h)
   2. Reference parameters
      1. See notes
   3. Compilation
      1. Basic steps: preprocessing, compilation, assembly, linking
      2. .o file has been compiled and assembled.
      3. Linking all .o files for a program makes an executable
   4. Make
      1. Target, dependency, and commands
      2. Must use real tabs to indent commands
         1. Can just use another editor if yours is configure to indent with spaces
            1. ex. “nano” instead if “vim”