

Basics4 – C Strings

Due Date

- See Piazza for due date and time
 - Grading the next day
- Submit program to perform in your student directory
 - Sub directory called:
 - /Basics4/...
 - Fill out your **Basics4 Submission Report.pdf**
 - Place it in the same directory as your solution
 - Enter the final Changelist number of your submission
 - Enter the number of test passed
 - Write up a quick discussion in the report
 - What you learned from this basics

Goals

- C Strings
 - Null terminated char *, are C Strings.
 - Nuff said
 - Increasing C++ knowledge and understanding

Assignments

- General:
 - Add code to the body of the functions in the following files:
 - CopyingStrings.cpp
 - ComparingStrings.cpp
 - LengthOfStrings.cpp
 - CopyToBuffer.cpp
 - SortStrings.cpp
 - Follow the instructions provided
 - comment section in the function
 - Run the Unit Tests to verify progress / success
 - 6/6 is the best for this program
- Make sure that your program compiles and runs
 - Warning level 4 sometimes that is not possible due to MS headers...
 - I placed some pragmas to allow you to use the string functions as is without using microsoft's secure functions.
 - Your code should be squeaky clean.
- Submit program to perform in your student directory
 - Sub directory called: /Basics4/...

Validation

Simple check list to make sure that everything is checked in correctly

- Did you do all run all unit tests problems?
- Do they compile and run without any errors?
- Fill out the submission report.
- Warning level 4 free?
- Submitted it into /Basics4 directory - without the extra files?
- Can you delete you local drive, regrab the Basics4 directory?
 - Is all the code there?

Hints

Most assignments will have hints in a section like this.

- This is very easy Basic assignment
 - Only the sort functions might slow you down a bit.
 - Make sure you learn qsort() to make your life easy
- I expect this assignment to be completed quickly for most of the students
 - Please make sure you fully understand the commands in this code
 - Strings are easy if you debug completely
 - Many false positives... code appears to work but has residual side effects
 - Many little lessons here for those who put in the effort.
- Enjoy