Programming Project #3
IDE Project Supplement

Instructions for <u>Visual Studio</u>

- Create a new C/C++ Windows Desktop application project using **Windows Desktop Wizard**

  o Enter desired project folder location and name

  o Make sure checkbox for "Place solution and project in same directory" is **<u>checked</u>**

  o Click "Create" button

  o On Windows Desktop Project screen,

    - Check the "Empty Project" checkbox

    - Click "OK"

- Extract all code files (.h, and .c) and the input data file and sample output file from the assignment zip file into your project folder

- In IDE "Solution Explorer" pane, right-click "Source Files" project folder and hover over "Add" from the shortcut menu and then select "Existing Item" to add each of the .c files (or use ctrl+click to select multiple files)

- Using same technique, add the .h files to the "Header Files" project folder

- Using same technique, add the .txt files to the C++ project item located just below the solution item in "Solution Explorer" pane

- In IDE "Solution Explorer" pane, right-click C++ project item and select "Properties" from the shortcut menu

  o Click on "Debugging" in left panel under general configuration properties and enter desired command line arguments in right panel (e.g. enter `"Program03Data.txt"` to provide the name of the input file expected by main's parameters). Also, you can enter `" >output.txt"` after the filename to send program console output to a text file named `"output.txt"` in the project folder instead of displaying it on the screen.

  o Click on "C/C++" in the left panel and on the right side set the warning level to "**Level4**" and set "Treat Warnings as Errors" to "Yes".

- The project will now build with no errors or warnings but it will abort with an assertion failed error in LinkedList.c at line 447 until you code the body for newList().