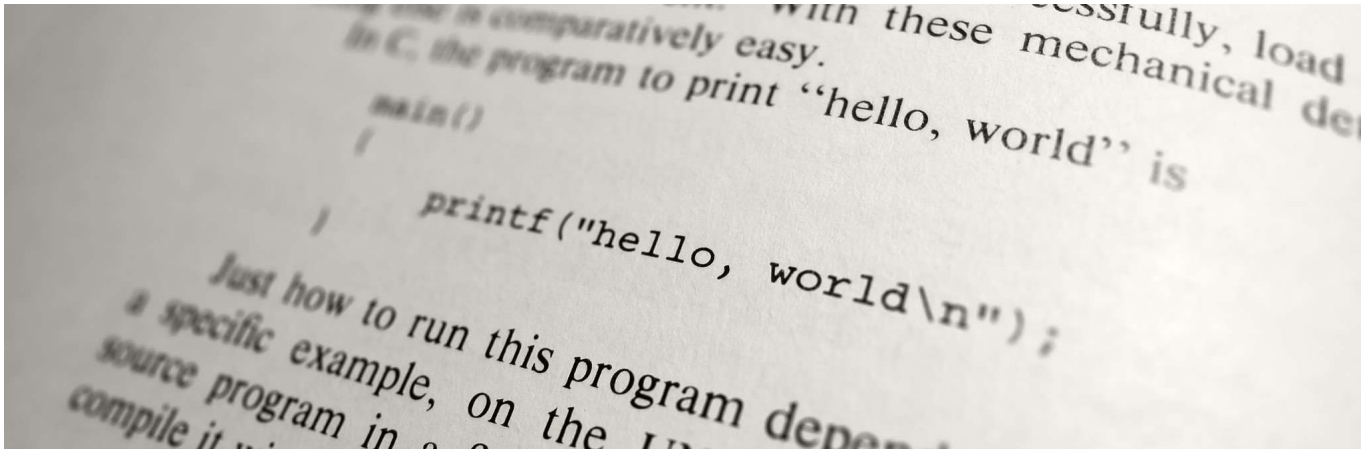

KIT205 Data Structures and Algorithms
Assignment 1

Due 9th August, 11:55pm

For this assignment, you will to submit a Visual Studio project showing your progress on the linked lists and trees tutorials.

You should submit a main function that shows the testing that you did for these data structures (you may comment code that you are not currently using - it will still be assessed).

The assignment will be assessed by examining your ***main.c, list.h, list.c, bst.h, bst.c*** files. Please ensure that these files are present and named correctly. Other files, including incorrectly named files, will not be assessed. The program will not be executed.

It is easiest to include all code in one project, but you can only have one main function. If you do this, create a main function that tests both the linked list and bst functions.

Assignment Submission

Assignments will be submitted via the Assignment 1 dropbox. You should use the following procedure to prepare your submission:

- Make sure that your project has been thoroughly tested in Visual Studio 2019
- Choose "Clean Solution" from the "Build" menu in Visual Studio. This step is very important as it ensures that the version that the marker runs will be the same as the version that you believe the marker is running.
- Quit Visual Studio and zip your entire project folder
- Upload a copy of the zip file to the Assignment 1 dropbox

NOTE: By submitting your assignment you are implicitly stating that the submitted work is your own, except where you have explicitly and clearly acknowledged the work of others. For example, if your solution has been developed after consulting a particular website, you should add a comment to the top of your file that describes how you used that resource and where to find it. Failure to acknowledge any help that you received or resources that you have utilised and instead presenting the work as your own is plagiarism and will be dealt with through academic misconduct procedures.

History tells us that mistakes frequently happen when following this process, so you should then:

- Unzip the folder to a new location
- Open the project and confirm that it still compiles and runs as expected
    - If not, repeat the process from the start

Learning Outcomes and Assessment

This assignment will contribute to:

LO2 Implement common data structures and algorithms using a common programming language

The assignment is worth 5% of your overall mark for the unit and will be assessed according to the Assignment 1 rubric.