

Year 11 to Year 12 Computer Science Bridging Material

Welcome to A level computer science. If you have met me before you know that I have a strong emphasis on programming, and the language we use at A level is C#, so the bridging work is get set up and introduced to it. Do not feel you will be starting from scratch; all your existing logic skills will be used in C#. People don't redo their driving test when they change their car! Don't worry, you'll soon get used to it, but it is best to prepare well.

As I said the logic is the same as any other imperative language like Python, Java or Visual Basic, but the syntax is different. In particular, you need to get used to the curly brackets. We will be using Visual Studio, so you will be well advised to download it onto your home machine. If you already have it for Visual basic, you only need to install the C# modules.

Bridging Task:

Please go through the following series of lessons led by Bob Tabor, to introduce C#. Use Visual Studio, but change the Language to C# and make sure you select console app. There is no need to go beyond lesson 14.

<https://channel9.msdn.com/Series/C-Fundamentals-for-Absolute-Beginners>

Additional Resources:

Rob Miles Yellow Book is superb. You can download it free from:

<https://www.robmiles.com/c-yellow-book>

or order it from your preferred online book seller.

Looking forward to seeing you in September.

Best wishes,

Mr Ley