

A-Level Computer Science

Summer Task

1. Summer Assignment – Year 12 Computer Science

The summer work for Computer Science is all about getting familiar with C#. In preparation for the start of the AS Computing course in September, you are to complete the C# Tutorial:

<https://csharp.net-tutorials.com/>

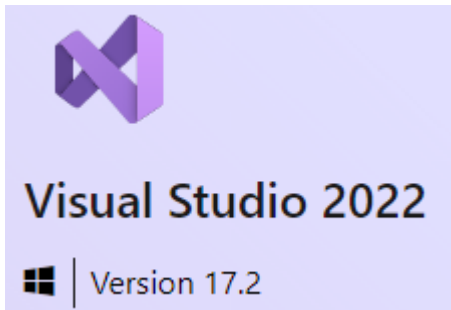
The first step is to download and install Visual Studio Community Edition, then follow through the tutorials. Once you get to the 'Introduction to C# classes' you may stop. (*Of course, you may carry on if you want to!*)

2. Why C#?

- C# is accessible to beginners and is among the most popular programming languages in the world.
- Microsoft Visual Studio enables the creation of console programs for AS, as well as very easy and rapid development of Graphical User Interfaces for A2 projects.
- C# is a modern object-oriented programming language, which is part of the A2 specification.
- Microsoft Visual Studio provides a free, high quality compiler and development environment for Windows, Linux and Mac OSX.

3. Visual Studio

- Visual Studio (Community Version):

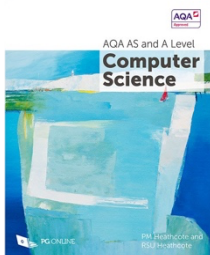


<https://visualstudio.microsoft.com/downloads/>

- You can use a different IDE, but it is recommended you use Visual Studio as this is what you will use in lessons and for your exams

4. What resources are required for September?

- PG Online AQA AS & A-Level Computer Science Textbook



If you need any further advice please add a comment on Google Classroom or, e-mail:

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