

Inft2012 Application Programming – Notes for week 1

Get your own copy of Visual Studio

You might be aware that students are given ‘free’ access to some Microsoft tools (it doesn’t cost money, but you do have to give them some of your data). We are reliably informed that you simply need to go to <https://azureforeducation.microsoft.com/devtools> and create an account using your uon email address.

Using Azure Dev Tools for Teaching you can acquire a copy of Visual Studio Enterprise.

However, even without Azure Dev Tools for Teaching you can get a free copy of Visual Studio Community Edition, which is freely available to anyone – and which has all of the features that we will use in this course. Of course you still need a Microsoft account to actually use the software . . .

You should get a copy of Visual Studio as soon as possible, install it on your own computer, and ensure that it runs. Programming courses entail a lot of programming, and you are unlikely to want to do it all in the university’s labs, so a copy of your own is all but essential. There are many options to choose when installing Visual Studio. You should install C#, the .NET environment, and the .NET desktop development workload. If anything else turns out to be needed, it’s relatively easy to go back and add it later.

Revise the programs from the lecture

Download unzip, open, and examine Lecture1DemoTickle; you can open it by double-clicking Lecture1DemoTickle.sln. You are not yet expected to understand everything about how it works, but you might find it interesting to work out as much as you can.

If you can see a file called Lecture1DemoTickle, but not Lecture1DemoTickle.sln, your operating system is hiding file extensions, the dot and the characters after it. For various things that we do in this course it’s absolutely essential that you know the full names of files, including their extensions. This is something that can be managed fairly easily. For example, on a Windows computer, when you’re looking at the folder with the files in it, click the View menu, then under the group called Show/Hide tick the box labelled File name extensions. Unless you particularly want *not* to know your file extensions, you should make this the default setting for all of your files.

Create and run the Drawing program described in this lecture – and add some more drawing of your own.