

Objective: To use the Integrated Development Environment (IDE) to develop a simple first program as a console application.

1. This lesson assumes you have already installed the latest version of Visual Studio. If you have not already installed the latest version of Visual Studio you will need to go to the Microsoft Website <https://visualstudio.microsoft.com/downloads/>, download the Community Edition of Visual Studio, and install. The process is very straight forward and should not cause you any difficulties.
2. Watch the C++ Lesson 1 video at : <https://www.youtube.com/watch?v=ycUZTcZVfOc>
3. Lesson 1 tutorial at https://docs.wixstatic.com/ugd/e5a0e9_85b991cfb3d84798a40ad60deced0adb.pdf
4. Please answer these review questions:
 - 1.1 Why is the computer used by so many different people, in so many different professions?
 - 1.2 List the five major hardware components of a computer system.
 - 1.3 Internally, the CPU consists of what two units?
 - 1.4 Describe the steps in the fetch/decode/execute cycle.
 - 1.5 What is a memory address? What is its purpose?
 - 1.6 Explain why computers have both main memory and secondary storage.
 - 1.7 What are the two general categories of software?
 - 1.8 What fundamental set of programs control the internal operation of the computer's hardware?
 - 1.9 What do you call a program that performs a specialized task, such as a virus scanner, a file-compression program, or a data-backup program?
 - 1.10 Word processing programs, spreadsheet programs, e-mail programs, Web browsers, and game programs belong to what category of software?