Alexander Maass

CS 2024 – C++ Programming

Assignment #1

Deitel & Deitel, Exercise 2.27

All letters in the ASCII character set have an integer equivalent. For this assignment we are asked to convert any standard ASCII letter to its integer equivalent. This is a very simple program and the command to cast characters to integers is provided. However, this assignment provides a good basis to start programming in C++ and become familiar with the development interface.

The problem is easily solved by casting the character to an integer. In fact, the line of code required to do this is actually provided in the problem. What I did was to declare a variable of type char, which I called l and then prompt the user to provide a character. That character is stored as a character type in the variable l and is casted to an integer by just casting l to an integer type. The resulting integer is then output by the program and displayed. After the result is displayed, I used the System(“Pause”) line to prevent the terminal window from closing so that the result can actually be read by the user in a timely manner.

This assignment taught me the basics on how to manipulate user input and output. Completing this assignment has also given me experience in using Visual Studio Express for C++ so that I now have a development platform. Finally, it gave me experience in writing a writeup for any future assignments.