**CS 131 Exercises**

**C#—A Beginner’s Guide**

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**CS 131 Exercises - Chapter 1 : Introduction to C# Coding and Debugging**

**Exercise 1.** Create a C# Console application project called HelloWorld.

* Use the example in Figure 1-1 as a guide to create a string variable called output and pass it as an argument to WriteLine. (We’ll examine this syntax more closely in upcoming lessons.)
* Include your own comments in your code where appropriate.
* Build and run your program in Visual Studio. You should see the program output in a console. Hit enter to close the program.
* Place a breakpoint on the line of code that starts with ‘string output’ by clicking in the thin gray margin column to the left of the editor. You should see a red ball in the margin.
* Run the program in Visual Studio. The execution should halt at the breakpoint. Use the F10 key to step through each line of code until you get to the ReadLine() statement. Verify the value of the output variable in the locals window after each statement executes. *Tip: the book gives step-by-step instructions for using the debugger.*

*This file, along with all future C# exercise files, must be uploaded on a weekly basis for grading. There are instructions for uploading exercise files in Blackboard’s Course Information section.*