**CS 131 Exercises**

**C#—A Beginner’s Guide**

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**CS 131 Exercises - Chapter 5 : Conditional Structures and Loops**

**Exercise 1.** Create a C# console application called WarnLevel.

* Define a method that takes one integer input argument.
* Inside the method body create an if – else statement that defines three different warning messages, and a fourth default message.
* Inside Main call the method several times to test all the code paths in the if – else statement.
* Code example: 5-1 If – Else Statements

**Exercise 2.** Modify the previous WarnLevel program

* Change the method to take a second input parameter of type bool. Use the parameter value to determine whether to display the warning.
* Use logical OR and AND operators to create more complex conditions that use the new Boolean value.
* Call the newly refactored method multiple times with different input arguments to test all code paths.
* Example 5-2: Applying Logical AND and Logical OR Expressions.

**Exercise 3.** Create a new C# Console program called stringLoop.

* Use a ‘for’ loop to iterate through all elements of a string array and print them to the console.
* Example 5-5: For Loops

**Exercise 4.** Create a new C# Console program called GoOrQuit.

* Use a while loop to call a method, and then prompt the user for input whether to continue the loop or to quit.
* Example 5-10: Break Statements