

Lab 8: File Operations & Methods (Group B)

CS133, Beginning Programming: C#

Introduction

The objective of this lab is to give you practice creating, opening and writing files. You will also get an introduction to writing your own methods.

Assignment

Part 1: Chapter 5 (Repetition and File operations) – Tutorials

Complete tutorials 5-4 through 5-9, at the end of chapter 5, in the textbook. (The starting files for chapter 5 are in the source code provided with the textbook)

Part 2: Chapter 5 – Programming Problems:

Population – Revised

Modify the Population program that you wrote for Programming Problem 4 so it writes its output to a file instead of displaying it in a ListBox control. Open the file in Notepad or Visual Studio to confirm the output.

8. Tuition Increase

At one college the tuition for a full-time student is \$6000 per semester. It has been announced that the tuition will increase by 2 percent each year for the next five years. Create an application with a loop that displays the projected semester tuition amount for the next 5 years in a ListBox control. (Gaddis 337)

In addition, write the tuition amounts to a file. Open the file in Notepad (or Visual Studio) to confirm the output.

Gaddis, Tony. Starting out with Visual C# 2012, 3rd Edition. Pearson, 20130528. VitalBook file.

Part 3: Chapter 6 (Methods) – Tutorials:

Complete tutorials 6-1 and 6-2, at the end of chapter 6, in the textbook. (The starting files for chapter 6 are in the source code provided with the textbook.)

(You will do more tutorials in chapter 6, and start the programming problems next week.)