

CEGEP VANIER COLLEGE
Department of Computer Science

Lab #5: Developing File and Streams Processing Applications

Lab #5 weight is 2% of final grade
Max Marks (75)

Course Title : Application Development-1 (Sec-03)
Course Number : 420-331-VA

Teacher : Syed Naseem Afzal
Due Date : November 04, 2025

**Develop the following example of File and Streams Processing from textbook's
Chapter-17 : Files and Streams**

No.	Assigned Work	6 th Edition Pages	Global 6 th Edition Pages	Point(s)
1.	Creating a Sequential-Access Text File	701-710	741-750	15
2.	Reading Data from a Sequential-Access Text File	710-714	750-754	10
3.	Case Study: Credit-Inquiry Program	714-719	754-759	10
4.	Creating a Sequential-Access File using Object Serialization	720-724	760-764	10
5.	Reading and Deserializing Data from a Binary File	724-727	764-767	10
6.	Classes File and Directory	727-731	767-771	10
7.	Searching Directories with LINQ	731-735	771-775	10

6th Edition Book Title: Visual C# HOW TO PROGRAM (ISBN-13: 978-0-13-460154-0)

Global Edition of 6th Edition Book Title: Visual C# 2012 HOW TO PROGRAM (ISBN-13: 978-1-292-15346-9)

You should use following data to create files in above mentioned example #1, and example #4. Please use your own family members' names.

Account Number	First Name	Last Name	Balance
135	Your First Name	Your Last Name	-18.65
245	Your Father's First Name	Your Father's Last Name	689.34
355	Your Mother's First Name	Your Mother's Last Name	865.45
465	Your Grand Father's First Name	Your Grand Father's Last Name	325.85
575	Your Grand Mother's First Name	Your Grand Mother's Last Name	0.00

What to hand in?

After successful demonstration, create a compressed file [**Filename:** LastNameFirstNameLab05.ZIP], with the following:

- MS-Word document [**Filename:** LastNameFirstNameLab05.docx] containing screen shots of your examples' GUI with input values and produced output.
- Your working examples' project folders.

Upload your LastNameFirstNameLab05.ZIP file in LEA's assignment section.

Note: Your uploaded (ZIP) file should contain all files of the working examples' project folders. Incomplete and / or non-working app's files will not be graded and have zero value.