CEGEP VANIER COLLEGE
Department of Computer Science

Lab #2: Introduction to `LINQ` and the `List` collection

Lab #2 weight is 2% of final grade
Max Marks (50)

Course Title : Application Development-1 (Sec-03)	**Teacher** : Syed Naseem Afzal
Course Number : 420-331-VA	**Due Date** : October 01, 2025

Develop the following examples applications from textbook's Chapter-9 : Introduction to LINQ and the List Collection				
No.	**Assigned Work**	**6th Edition Pages**	**Global 6th Edition Pages**	**Point(s)**
1.	**LINQ** to Objects using an **int** array [Fig. 9.2]	373-374	413-414	10
2.	**LINQ** to Objects querying an array of Employee [Fig. 9.3, 9.4]	377-379	417-419	15
3.	Generic **LIST<T>** collection demonstration [Fig. 9.6]	382-384	422-424	15
4.	**LINQ** to Objects using a **List<string>** [Fig. 9.7]	386-387	426-427	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**)**				

What to hand in?

After successful demonstration, create a compressed file [**Filename**: LastNameFirstNameLab02.ZIP], with the following:

    a) MS-Word document [**Filename**: LastNameFirstNameLab02.docx] containing screen shots of your examples' output window with input values and produced output.

    b) Your working examples' project folders.

Upload your LastNameFirstNameLab02.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.