

CEGEP VANIER COLLEGE
Department of Computer Science

Lab #3: Developing GUI base applications Part-I

Lab #3 weight is 2% of final grade
Max Marks (62)

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

Teacher : Syed Naseem Afzal
Due Date : October 14, 2025

**Download file “Lab03GUIApplications.pdf” from LEA document section
and develop the following applications**

No.	Assigned Work	Pages	Point(s)
1.	“Hello World” GUI application	27-33	2
2.	“Code Demo” GUI application	40-44	2
3.	“Multiple Buttons” GUI application	44-51	2
4.	“Presidential Trivia” GUI application	52-55	2

**Develop the following examples of GUI based applications from textbook’s
Chapter-14 : Graphical User Interfaces with Windows Forms Part I**

No.	Assigned Work	6 th Edition Pages	Global 6 th Edition Pages	Point(s)
1.	Windows Forms and Event Handling	545-551	585-591	2
2.	Labels, TextBoxes and Buttons controls	560-563	600-603	4
3.	GroupBoxes and Panels	563-566	603-606	4
4.	CheckBox control	566-569	606-609	4
5.	RadioButton control	569-574	609-614	8
6.	PictureBox	574-577	614-617	4
7.	ToolTips	577-578	617-618	4
8.	NumericUpDown control	578-580	618-620	8
9.	Mouse-Event handling	581-583	621-623	8
10.	Keyboard-Event handling	583-587	623-627	8

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:** LastNameFirstNameLab03.ZIP], with the following:

- MS-Word document [**Filename:** LastNameFirstNameLab03.docx] containing screen shots of your examples’ GUI with input values and produced output.
- Your working examples’ project folders.

Upload your LastNameFirstNameLab03.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.