Leonides Martinez

CST-150

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Mark Smithers

Topic 1 Activity 1

Rubric

1. Install the necessary software for the course.

Graphical user interface, text

Description automatically generated

Visual Studio was installed according to the instructions from our textbook "Starting out with Visual C#: Fifth Edition".

2. Use the .NET environment to develop a simple graphical user interface using built-in tools.

A screenshot of a computer

Description automatically generated

Using the Visual Studio IDE, I created a simple GUI which asks for the student's first and last name, and course name. The form includes a show name, clear, and exit button.

3. Function for each control.

All the controls below were entered inside groupBox1.

Graphical user interface, application

Description automatically generated

Text

Description automatically generated

firstNameLabel: Label to instruct the user to enter first name.

lastNameLabel: Label to instruct the user to enter last name.

courseLabel: Label to instruct the user to enter course name.

firstNameTextBox: TextBox for user to Input first name.

lastNameTextBox: TextBox for user to Input last name.

courseTextBox: TextBox for user to Input course name.

studentLabel: Label for the display information to the right.

displayStudentLabel: Label will display student information as coded when "Show Name" is clicked.

**showNameButton:**

Graphical user interface, application

Description automatically generated

* When clicked, firstNameTextBox and lastNameTextBox will be concatenated. The course name will be displayed on the next line.
* Button is coded with ampersand before "S". Alt + S will also show information.
* Button declared as accept button, therefore, ENTER button will also show the information.

**clearButton:**

**Graphical user interface

Description automatically generated**

* When clicked, the information under firstNameTextBox, lastNameTextBox, courseNameTextBox, and displayStudentLabel will be cleared.
* Button is coded with ampersand before "C". Alt + C will also clear information.
* Focus is declared on firstNameLabel when information is cleared.

**exitButton:**

**Text

Description automatically generated**

* When clicked, form will close.
* Button is coded with ampersand before "x". Alt + x will also close the form.
* Button declared as cancel button, therefore, ESC button will also close the form.