**Indicator 3.02 Apply Properties Associated with the Controls  
How To Walkthrough**

* Open a new Project. Save it as Hello.
  + File 🡪 New Project
  + Recent Projects Window from Start page 🡪 Create Project
  + Click the New Project  button on toolbar
* Add the following Controls from your Toolbox
  + Button
    - Change the Properties
      * (Name) – btnHello
      * Text – Hello
  + Label
    - Change the Properties
      * (Name) – lblMessage
      * Text - *empty*
* Go to your Code Editor window
  + View menu 🡪 View Code
  + Right-click 🡪 View Code
  + Solution Explorer window 🡪 Select View Code button
* Create a button click event for your btnHello
  + In the Design window
    - Double-click on the button
  + In the Code Editor window
    - Select the button from the Class Name List (
      * Click on the drop-down button to see all control objects to select the button.
    - Select the Click method from the Method Name List.
      * Click on the drop-down button to see all methods associated with the control object you chose.
* Add the code to display the message “Hello” in the lblMessage label
  + Type:  
     lblMessage.Text = “Hello”
  + Note
    - The statement tells the compiler to put the string “Hello” into the Text property of the lblMessage control object.
    - Your string must be in the double quotation marks.
* Add a GroupBox
  + From the Toolbox, in the Containers section, Click on the GroupBox control object.
  + Click on the form and “draw” your groupbox.
  + Change the Properties
    - (Name) – grpChoices
    - Text – Language Hello
* Add the following RadioButtons
  + Click on the RadioButton control
  + Click in the GroupBox grpChoices
  + Change the Properties
    - (Name) – radEnglish
    - Text – English
  + Repeat the process to add two new RadioButtons
    - radFrench
      * (Name) – radFrench
      * Text – French
    - radGerman
      * (Name) – radGerman
      * Text – German
* Add the following messages in Click events for each.
  + In the Design window
    - Double-click on the RadioButton
  + In the Code Editor window
    - Select the RadioButton from the Class Name List (
      * Click on the drop-down button to see all control objects to select the button.
    - Select the CheckChanged method from the Method Name List.
      * Click on the drop-down button to see all methods associated with the control object you chose.
  + radEnglish  
     lblMessage.Text = “Hello”
  + radFrench  
     lblMessage.Text = “Bonjour”
  + radGerman  
     lblMessage.Text = “Guten Tag”
* Add another GroupBox
  + From the Toolbox, in the Containers section, Click on the GroupBox control object.
  + Click on the form and “draw” your groupbox.
  + Change the Properties
    - (Name) – grpChoices2
    - Text – Language Goodbye
* Add the following Checkboxes
  + Click on the Checkbox control
  + Click in the Checkbox grpChoices2
  + Change the Properties
    - (Name) – chkEnglish
    - Text – English
  + Repeat the process to add two new Checkboxes
    - chkFrench
      * (Name) – chkFrench
      * Text – French
    - chkGerman
      * (Name) – chkGerman
      * Text – German
* Add the following messages in Click events for each.
  + In the Design window
    - Double-click on the Checkbox
  + In the Code Editor window
    - Select the Checkbox from the Class Name List (
      * Click on the drop-down button to see all control objects to select the button.
    - Select the CheckChanged method from the Method Name List.
      * Click on the drop-down button to see all methods associated with the control object you chose.
  + chkEnglish  
     lblMessage.Text = “Goodbye”
  + chkFrench  
     lblMessage.Text = “Au Revoir”
  + chkGerman  
     lblMessage.Text = “Auf wiedersehen”
* You could have the messages “concatenate” or merge by using the following
  + By merging, as you select the checkboxes, they will add text to the existing text in the label instead of replacing the existing text.
  + lblMessage.Text **&=** “Goodbye”