

Lab 01

Beginning Creating User Interfaces at Design Time

This lab is totally following directions, without adding much thought or creativity. The purpose of this lab is to familiarize you with the form controls and their properties.

Creating a “Dumb” User Interface

This lab will have you practice placing various controls on a form while manipulating the control properties to customize the controls. Nothing particularly useful will result.

1 Create a Windows Application

AT DESIGN TIME

- 2 Change the name of the Form. Remember, the VB notation for Form is 'frm'.
 - A Change the BackColor property of this Form.
 - B Change the Text property of this Form.
 - C As you add controls to this Form, you will have to resize it.
- 3 Put a Label on this Form.
 - A Change the Name property of this Label. The VB notation for Label is 'lbl'.
 - B Make the AutoSize property false.
 - C Change the ForeColor property.
 - D Make the Text property your name.
 - E The default Border style is 'None'.
 - a What are the other two Border styles?
 - b What do they look like on the form?
- 4 Put a Button on this Form.
 - A Change the Name property of this Button. The VB notation for Button is 'btn'.
- 5 Put a TextBox on this Form.
 - A Change the Name property of your TextBox. The VB notation for TextBox is 'txt'.
 - B What are the alternatives for the TextAlign property?
 - a What do they do?
 - C Change the Multiline property.
 - a What does this do?
 - D What are the alternative BoaderStyles?
 - a What does each look like?
- 6 Put three CheckBoxes on this Form.
 - A Change the Name property of each CheckBox. The VB notation for CheckBox is 'chk'.
 - B Make the Checked property for one CheckBox true.
 - C Make the Checked property for two of the CheckBoxex true.
 - D Make the Checked property for all three CheckBoxes true.
- 7 Put four RadioButtons on this Form.

Lab 01

- A Change the Name property of each RadioButton. The VB notation for RadioButton is 'opt'.
 - a In the "old days" VB tried to change the name of RadioButton to OptionButton, but the developer community resisted, hence 'opt'.
- B Rename two of the RadioButtons 'true' and 'false'.
- C Rename the other two RadioButtons 'left' and 'right'.
- 8 Put a GroupBox on this Form.
 - A Change the Name property of this GroupBox. The VB notation for GroupBox is 'grp'.
 - B Drag the three CheckBox onto this GroupBox.
- 9 Put a second GroupBox on this Form.
 - A Change the Name property of this GroupBox.
 - B Drag the four RadioButton onto this GroupBox.

Deliverable: Images of the output at the end of each of the major steps in this lab (1, 2, 3, etc.) AND a written description of what you witnessed as you went through each of the sub-steps. Name your project folder ***yourLastName.Lab01*** Place all of the images in the project folder, zip that folder, and upload to the appropriate dropbox.

Submittal folder name: ***yourLastName.Lab01***