

4. What properties of a `TextBox` and `RichTextBox` must be set to allow a long Text property to wrap to multiple lines?
5. How does the behavior of radio buttons differ from the behavior of check boxes?
6. If you want two groups of radio buttons on a form, how can you make the groups operate independently?
7. Explain how to make a graphic appear in a picture box control.
8. Describe how to select several labels and set them all to 12-point font size at once.
9. What is the purpose of keyboard access keys? How can you define them in your project? How do they operate at run time?
10. Explain the purpose of the `AcceptButton` and `CancelButton` properties of the form. Give an example of a good use for each.
11. What is a `ToolTip`? How can you make a `ToolTip` appear?
12. What is the focus? How can you control which object has the focus?
13. Assume you are testing your project and don't like the initial position of the insertion point. Explain how to make the insertion point appear in a different text box when the program begins.
14. During program execution, you want to return the insertion point to a text box called `AddressTextBox`. What Basic statement will you use to make that happen?
15. What Basic statements will clear the current contents of a text box and a label?
16. How are the `With` and `End With` statements used? Give an example.
17. What is concatenation and when would it be useful?
18. Explain how to continue a very long Basic statement onto another line. Include discussion of an implicit line continuation.

Programming Exercises

Graphics Files: You can find the icon files in the `StudentData\Graphics` folder on the text Web site (www.mhhe.com/VB2010).

- 2.1 Create a project that will switch a light bulb on and off, using the user interface shown below as a guide.

Form: Include a text box for the user to enter his or her name. Create two picture boxes, one on top of the other. Only one will be visible at a time. Use radio buttons to select the color of the text in the label beneath the light bulb picture box.

Include keyboard access keys for the radio buttons and the buttons. Make the *Exit* button the Cancel button. Create `ToolTips` for both light bulb picture boxes; make the `ToolTips` say "Click here to turn the light on or off."

Project Operation: The user will enter a name and click a radio button for the color (not necessarily in that order). When the light bulb is clicked, display the other picture box and change the message below it. Concatenate the user name to the end of the message.