

# Starting Out with Visual Basic, 8e (Tony Gaddis/Kip Irvine)

## Chapter 2 Creating Applications with Visual Basic

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### MULTIPLE CHOICE

1. The properties of a control are listed in the \_\_\_\_\_ window.
- a. Options
  - b. Properties
  - c. Solution Explorer
  - d. Project

ANS: B

2. When you select a control on a form in the Designer window, \_\_\_\_\_.
- a. its color changes to dark blue
  - b. the tool box will be visible
  - c. its sizing handles appear
  - d. the project will be saved automatically

ANS: C

3. If a Label control's `AutoSize` property equals `False` and the label is not wide enough for the text assigned to the control, \_\_\_\_\_.
- a. the text will be partially displayed
  - b. none of the text will be displayed
  - c. the extra text is wrapped onto the next line or lines
  - d. the label will expand to fit the text

ANS: C

4. When Visual Studio displays a new project, a blank form is shown in the \_\_\_\_\_ window.
- a. Properties
  - b. ToolBox
  - c. Project
  - d. Designer

ANS: D

5. In order to delete a control from a form you should select the control and then \_\_\_\_\_.
- a. click the Remove Item icon on the menu bar
  - b. click the Cut icon in the Properties window
  - c. press the Delete key on the keyboard
  - d. click Delete from the View menu

ANS: C

6. Which value of the `SizeMode` property is used to automatically adjust the size of a `PictureBox` control to fit the size of the image?
- a. Normal
  - b. Zoom
  - c. CenterImage
  - d. AutoSize

ANS: D

7. A Visual Studio project may be saved in all of the following ways except \_\_\_\_\_.
- a. clicking File on the Visual Studio menu bar and then clicking Save All
  - b. pressing `Ctrl+Shift+S` on the keyboard

- c. clicking the Save Project button on the standard toolbar
- d. clicking the Save All button on the standard toolbar

ANS: C

8. When you want to add a StatusStrip control to a form, which additional control must be added to the StatusStrip if you want to display messages at runtime?
- a. TextBox
  - b. Label
  - c. PictureBox
  - d. ToolStripStatusLabel

ANS: D

9. Which FormBorderStyle property setting causes the form not to be resizable and displays a thick border?
- a. FixedDialog
  - b. Fixed3D
  - c. NonSizable
  - d. ToolWindow

ANS: A

10. A label control may be added to a form by double-clicking on the Label control icon in the \_\_\_\_\_ window.
- a. Properties
  - b. ToolBox
  - c. Project
  - d. Designer

ANS: B

11. The code template for an event handler identifies it as a type of \_\_\_\_\_ procedure.
- a. Module
  - b. Function
  - c. Method
  - d. Sub

ANS: D

12. If the Visible property of a control is set to False, it \_\_\_\_\_ in the Designer window.
- a. is grayed out
  - b. is no longer displayed
  - c. continues to be shown
  - d. becomes inactive

ANS: C

13. You can display the Code window in all of the following ways except by \_\_\_\_\_.
- a. clicking the View Code button in the Solution Explorer window
  - b. clicking Project on the menu bar and then clicking Show all files
  - c. clicking View on the menu bar and then selecting Code
  - d. pressing the F7 key

ANS: B

14. In the statement `Me.Close()`, the keyword `Me` refers to \_\_\_\_\_.
- a. the current form
  - b. the programmer
  - c. the `Close()` method
  - d. the Close button

ANS: A

15. The \_\_\_\_\_ property can prevent the user from resizing an application's form at runtime.

- a. WindowState
- b. ShowInTaskBar
- c. MinMaxSize
- d. FormBorderStyle

ANS: D

16. The form's \_\_\_\_\_ property can be set to True or False, depending on whether or not you want the minimize button to appear.

- a. MinimizeBox
- b. ShowMinimizeButton
- c. HideButtonMinimize
- d. FormBorderStyle

ANS: A

17. To lock all the controls on a form during design time, \_\_\_\_\_.

- a. left-click an empty spot on the form and then click Locked in the properties window
- b. right-click an empty spot on the form and then select the Lock Controls option from the pop-up menu
- c. click Window on the Menu Bar and then click Lock Controls
- d. right-click the form and then click the lock controls icon on the toolbar

ANS: B

18. A Label control's \_\_\_\_\_ property allows a label to change size to fit the text in its text property.

- a. Autosize
- b. Size
- c. TextAlign
- d. Grow

ANS: A

19. Syntax errors \_\_\_\_\_.

- a. result from an attempt to perform an operation that cannot execute
- b. are not programmer errors
- c. are errors found when an application is running
- d. are errors such as misspelled keywords or incorrect use of operators

ANS: D

20. Which of the following is *not* a way to run an application?

- a. Click the Start Debugging button on the toolbar.
- b. Press Ctrl+F4.
- c. Press the F5 key.
- d. Click Debug on the menu bar and then click Start Debugging.

ANS: B

21. IntelliSense is a feature of Visual Studio that \_\_\_\_\_.

- a. provides hints about the input data requested from the user
- b. provides automatic code completion as you write programming statements
- c. allows the user to easily modify properties for a control in design mode
- d. is a feature that will help the programmer use accepted naming conventions

ANS: B

22. When you select an item in Visual Studio and press the F1 key, you get \_\_\_\_\_.

- a. the properties window
- c. context-sensitive help

- b. the Solution Explorer window
- d. a tool-tip for the item

ANS: C

23. Code that executes when the user clicks a button at runtime is known as \_\_\_\_\_.
- a. a property
  - b. a control
  - c. an event handler
  - d. a keyword

ANS: C

24. The value of a control's property may be changed while the application is running by \_\_\_\_\_.
- a. using an assignment statement
  - b. using the Properties window
  - c. using the Toolbox window
  - d. all of the above

ANS: A

25. The \_\_\_\_\_ property appears in parentheses so it will appear at the top of the alphabetical Property list.
- a. Name
  - b. Text
  - c. Visible
  - d. any of the above

ANS: A

26. Which of the following is *not* a valid value for the FormBorderStyle property?
- a. Fixed3D
  - b. Sizable
  - c. FixedSingle
  - d. FixedDouble

ANS: D

27. Which of the following statements is(are) correct?
- a. A Visual Studio project is a container that holds a solution.
  - b. A Visual Studio project may have multiple solutions.
  - c. A Visual Studio project must belong to a solution.
  - d. Both (a) and (b) are correct.

ANS: C

28. Assume you have a Button control named `btnDisplayList`. What is the default name for an event procedure that will be executed when the user clicks on the control?
- a. `Click_btnDisplayList`
  - b. `btnDisplayList_Click`
  - c. `btnDisplayList_ClickEvent`
  - d. `btnDisplayList_ClickButton`

ANS: B

29. Programmers should use comments (i.e., remarks) to \_\_\_\_\_.
- a. explain what the code does
  - b. save time when the program must be modified
  - c. save time when you have to debug the program
  - d. all of these

ANS: D

30. How do you make a Label control's text display in boldface?
- Select Font from the View menu and then select the label.
  - Select the Label in the designer and then click the ellipses next to Font in the Solution Explorer window.
  - Select the Label in the designer and click the ellipses button next to Font in the Properties window.
  - Select the Label control and set the BoldText property to True in the Properties window.

ANS: C

31. Which property determines the characters that appear in the title bar of Form1?
- Form1.Name
  - Form1.Text
  - Form1.Caption
  - Form1.Title

ANS: B

32. What will the following section of code do when the user clicks the btnExit button?

```
Private Sub btnExit_Click(ByVal sender As System.Object, _  
    ByVal e as System.EventArgs) Handles btnExit.Click  
    Me.Close()  
End Sub
```

- It shuts down the computer.
- It logs off the current user.
- It closes the current form.
- It does all of the above.

ANS: C

33. Which of the following displays a message box with the text Hello World?

- MessageBox.Show("Hello World")
- MessageBox.Display("Hello World")
- MessageBox.Text("Hello World")
- MessageBox.Send("Hello World")

34. \_\_\_\_\_

- LinkLabel
- StatusStrip
- ErrorProvider
- TextBox

35. \_\_\_\_\_

- Active
- Visible
- Invisible
- Enabled

36. \_\_\_\_\_

- Color
- Font
- ForeColor
- TextColor