

Chapter 2

Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

- _____ 1. The properties of a control are listed in the _____ window.
- Options*
 - Properties*
 - Solution Explorer*
 - Project*
- _____ 2. When you select a control on a form in the *Designer* window, _____.
- its color changes to dark blue
 - the tool box will be visible
 - its sizing handles appear
 - the project will automatically be saved
- _____ 3. If a Label control's *AutoSize* property equals *False* and the label is not wide enough for the text assigned to the control, _____.
- the text will be only partially displayed
 - none of the text will be displayed
 - the extra text is wrapped onto the next line or lines
 - the label will expand to fit the text
- _____ 4. When Visual Studio displays a new project, a blank form is shown in the _____ window.
- Properties*
 - ToolBox*
 - Project*
 - Designer*
- _____ 5. In order to delete a control from a form, you should select the control and then _____.
- click the *Remove Item* icon on the menu bar
 - click the *Cut* icon in the *Properties* window
 - press the *Delete* key on the keyboard
 - click *Delete* from the *View* menu
- _____ 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?
- Normal*
 - Zoom*
 - CenterImage*
 - AutoSize*
- _____ 7. A Visual Studio project may be saved in all of the following ways except _____.
- Click *File* on the Visual Studio menu bar, and then click *Save All*
 - Press *Ctrl+Shift+S* on the keyboard
 - Click the *Save Project* button on the standard toolbar
 - Click the *Save All* button on the standard toolbar
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- ___ 8. When you add a StatusStrip control to a form, which additional control must be added to the StatusStrip if you want to display messages at runtime?
- TextBox
 - Label
 - PictureBox
 - ToolStripStatusLabel
- ___ 9. Which FormBorderStyle property setting causes the form to not be resizable, and it displays a thick border?
- FixedDialog
 - Fixed3D
 - NonSizeable
 - ToolWindow
- ___ 10. A label control may be added to a form by double-clicking on the Label control icon in the _____ window.
- Properties
 - ToolBox
 - Project
 - Designer
- ___ 11. The code template for an event handler identifies it as a type of _____ procedure.
- Module
 - Function
 - Method
 - Sub
- ___ 12. If the Visible property of a control is set to *False*, it _____ in the *Designer* window.
- is grayed out
 - is no longer displayed
 - continues to be shown
 - becomes inactive
- ___ 13. You can display the *Code* window in all of the following ways *except* _____.
- Click the *View Code* button in the Solution Explorer window
 - Click *Project* on the menu bar, and then click *Show all files*
 - Click *View* on the menu bar, and then select *Code*
 - Press the F7 key
- ___ 14. In the statement `Me.Close()`, the keyword `Me` refers to _____.
- the current form
 - the programmer
 - the `Close` method
 - the `Close` button
- ___ 15. The _____ property can prevent the user from resizing your application's form at runtime.
- WindowState
 - ShowInTaskBar
 - MinMaxSize
-

- d. `FormBorderStyle`
- ___ 16. To lock all of the controls on a form during design time, _____.
- left-click an empty spot on the form, then click `Locked` in the properties window
 - right-click an empty spot on the form, then select the *Lock Controls* option from the pop-up menu
 - click *Window* on the Menu Bar, then click *Lock Controls*
 - right-click the form, then click the lock controls icon on the toolbar
- ___ 17. The form's _____ property can be set to `True` or `False`, depending on whether or not you want the *minimize* button to appear.
- `MinimizeBox`
 - `ShowMinimizeButton`
 - `HideButtonMinimize`
 - `FormBorderStyle`
- ___ 18. A `Label` control's _____ property allows a label to change size to fit the text in its text property.
- `AutoSize`
 - `Size`
 - `TextAlign`
 - `Grow`
- ___ 19. Syntax errors _____.
- result from an attempt to perform an operation that cannot execute
 - are not syntax errors
 - are errors found while an application is running
 - are errors such as misspelled keywords or incorrect use of operators
- ___ 20. You can run an application in all of the following ways except which one?
- Click the *Start Debugging* button on the toolbar
 - Press the `Ctrl-F4` keys
 - Press the `F5` key
 - Click *Debug* on the menu bar, and then click *Start Debugging*
- ___ 21. IntelliSense is a feature of Visual Studio that _____.
- provides hints about the input data requested from the user
 - provides automatic code completion as you write programming statements
 - allows the user to easily modify properties for a control in design mode
 - is a feature that will help the programmer use proper naming conventions
- ___ 22. When you select an item in Visual Studio and press the `F1` key, you get _____.
- properties window
 - the solution explorer window
 - context-sensitive help
 - tool-tip for the item
- ___ 23. Code that executes when the user clicks a button at runtime is known as _____.
- a property
-
- a control

- c. an event handler
 - d. a keyword
- ___ 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
- ___ 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. all of the above
- ___ 26. Which of the following is not a valid value for the `FormBorderStyle` property?
- a. `Fixed3D`
 - b. `Sizable`
 - c. `FixedSingle`
 - d. `FixedDouble`
- ___ 27. Which of the following statements 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.
- ___ 28. Assume you have a Button control named `btnDisplayList`. Which 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`
- ___ 29. Programs should use comments (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 the above
- ___ 30. How do you make a Label control's text display bold characters?
- a. Select Font from the View menu, and then select the label.
 - b. Select the Label in the designer, and click the ellipses button next to Font in the Solution Explorer window.
 - c. Select the Label in the designer, and click the ellipses button next to Font in the Properties window.
 - d. Select the Label control and set the `BoldText` property to True in the Properties window.
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- ___ 31. Which property determines the characters that appear in the title bar of Form1?
- Form1.Name
 - Form1.Text
 - Form1.Caption
 - Form1.Title
- ___ 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
```
- Shut down the computer
  - Log off the current user
  - Close the current form
  - All of the above
- \_\_\_ 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. The \_\_\_\_\_ control uses a Label to display program status information and messages to the user.
- LinkLabel
  - StatusStrip
  - ErrorProvider
  - TextBox
- \_\_\_ 35. The \_\_\_\_\_ property of a label determines if the label can be seen by the user at runtime.
- Active
  - Visible
  - Invisible
  - Enabled
- \_\_\_ 36. The color of the text in a Label control is determined by the \_\_\_\_\_ property.
- Color
  - Font
  - ForeColor
  - TextColor
-

## Chapter 2

### Answer Section

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| 5. c          | 44                    |
| 6. d          | 83                    |
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| 8. d          | 105                   |
| 9. a          | 108                   |
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| 11. d         | 60                    |
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