**Chapter 2 Test**

**True/False**

*Indicate whether the statement is true or false.*

\_\_\_\_ 1. A Visual Basic project consists of one file.

\_\_\_\_ 2. The IDE Navigator feature is used to switch between open files and programming tools.

\_\_\_\_ 3. A Windows application interface includes at least one form.

\_\_\_\_ 4. Closing a project removes it from the IDE.

\_\_\_\_ 5. Classes are used to generate objects.

\_\_\_\_ 6. Selecting from an IntelliSense list reduces the chance of typing errors in code.

\_\_\_\_ 7. The statement Me.lblMessage.Text="Hello!" sets the (Name) property of the lblMessage Label object to Hello!.

\_\_\_\_ 8. A GroupBox object is used to group radio buttons.

\_\_\_\_ 9. Comments affect the way statements execute.

\_\_\_\_ 10. Button object names should begin with btn.

**Multiple Choice**

*Identify the choice that best completes the statement or answers the question.*

\_\_\_\_ 1. Which area of the IDE is used to switch between the Design and Code windows?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | the Toolbox | c. | the Solution Explorer window |
| b. | the Start page | d. | the Properties window |

\_\_\_\_ 2. Which area of the IDE is used to change the text displayed in a Label object?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | the Toolbox | c. | the Solution Explorer window |
| b. | the Start Page | d. | the Properties window |

\_\_\_\_ 3. To size an object

|  |  |
| --- | --- |
| a. | select it and then use the arrow keys. |
| b. | drag in the center of the object. |
| c. | right-click the object and then select Resize. |
| d. | select it and then drag a handle. |

\_\_\_\_ 4. Which is a difference in a form between the Design window and run time?

|  |  |
| --- | --- |
| a. | The controls on the form cannot be edited. |
| b. | The form changes color. |
| c. | The form gets much larger. |
| d. | The form displays each object’s Name property. |

\_\_\_\_ 5. Converting a program to a language the computer understands is a process called

|  |  |  |  |
| --- | --- | --- | --- |
| a. | closing. | c. | terminating. |
| b. | conversion. | d. | compiling. |

\_\_\_\_ 6. Which control is used to add a menu to an interface?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | the Label control | c. | the MenuStrip control |
| b. | the RadioButton control | d. | the AddMenu control |

\_\_\_\_ 7. Which statement is used to stop program execution?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | Application.Over() | c. | Application.Exit() |
| b. | Application.Halt() | d. | Application.Quit() |

\_\_\_\_ 8. Which statement indicates the end of an event procedure?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | End | c. | End Procedure |
| b. | End Sub | d. | Sub |



\_\_\_\_ 9. In the event procedure above, what result is assigned to the label’s Text property?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | 5 + 10 – 3 | c. | 12 |
| b. | 5 | d. | btnQuestion1 |

\_\_\_\_ 10. In the event procedure above, what is the (Name) property of the Label object set to?

|  |  |  |  |
| --- | --- | --- | --- |
| a. | btnQuestion1 | c. | lblAnswer.Text |
| b. | lblAnswer | d. | Answer |

**Short Answer**

1. Explain the term “event-driven application”
2. Explain the process of launching a website using a button.