

## **Visual C# 2012 How to Program, Fifth Edition**

### **CHAPTER 2—Dive Into® Visual Studio Express 2012 for Windows Desktop**

#### **Test Item File**

## **2.1 Introduction**

1. The purpose of the Visual Studio Express 2012 for Windows Desktop is to

- a) create a program.
- b) run a program.
- c) debug a program.
- d) All of the above.

**Answer:** d

2. The Visual Studio Express 2012 for Windows Desktop can be used to create apps only in C#.

**Answer:** False. It can create apps in a variety of .NET languages.

3. Dragging and dropping predefined building blocks into place is part of visual programming in C#.

**Answer:** True.

## **2.2 Overview of the Visual Studio Express 2012 IDE**

1. By default, the Visual Studio 2012 IDE assigns this name to a new Windows Forms project:

- a) **NewProject1**
- b) **WindowsFormsApplication1**
- c) **NewProject**
- d) **MyProject**

**Answer:** b

2. A \_\_\_\_\_ is a window used to communicate with users.

- a) form
- b) control
- c) dialog
- d) None of the above.

**Answer:** c

3. The Microsoft Developers Network (MSDN) online library provides:

- a) tutorials
- b) articles
- c) downloads
- d) All of the above.

*Answer:* d

4. To make a new project you have to go into the **Get Started** section.

*Answer:* False. There are many ways to create a new project.

5. You cannot browse the web from within the Visual Studio 2012 environment.

*Answer:* False. You *can* browse the web from within the Visual Studio 2012 environment.

6. A solution is a group of related files, such as C# code, images and documentation.

*Answer:* False. A project is a group of related files, a solution is a group of projects that represent a complete app or a set of related apps.

## 2.3 Menu Bar and Toolbar

1. This menu contains commands for opening projects, closing projects, printing project data, etc.

- a) **View** menu
- b) **Edit** menu
- c) **Tools** menu
- d) **File** menu

*Answer:* d

2. The **View** menu:

- a) Contains commands for displaying IDE windows and toolbars
- b) Contains commands for arranging a form's controls.
- c) Contains commands for managing a project and its files.
- d) Contains commands for compiling a program.

*Answer:* a

3. Commands for managing the IDE and for developing, maintaining and executing programs are contained in the menus, which are located on the menu bar.

*Answer:* True.

4. The programmer can also access all the commands in the menus from the toolbar.

*Answer:* False. The programmer can access certain commonly used commands from the toolbar.

## 2.4 Navigating the Visual Studio IDE

1. If the **Solution Explorer** is not shown, select \_\_\_\_\_.

- a) **View > Solution Explorer**
- b) **File > Solution Explorer**
- c) **Edit > Solution Explorer**
- d) **Tools > Solution Explorer**

*Answer:* a

2. The **Properties** window

- a) allows you to modify control's properties without writing any code.
- b) displays a control's information.
- c) has the same set of options for every control.
- d) a and b
- e) a and c

**Answer:** d

3. Autohide enables the tool box to shrink down to the edge of the screen.

**Answer:** True.

4. The Solution Explorer window provides access only to *certain* files in the solution.

Ans: False, Solution Explorer provides access to *all* files in the solution.

5. The toolbox contains icons representing controls used to customize forms.

**Answer:** True.

## 2.5 Using Help

1. Microsoft provides extensive help documentation via the \_\_\_\_\_ menu.

- a) **Assis t**
- b) **Aid**
- c) **Support**
- d) **Help**

**Answer:** d

2. Visual Studio provides \_\_\_\_\_ pertaining to the “current content” (that is, the terms around the location of the mouse cursor).

- a) content-sensitive help
- b) context-sensitive help
- c) location-sensitive help
- d) mouse-sensitive help

**Answer:** b

## 2.6 Using Visual Programming to Create a Simple App that Displays Text and an Image

1. The **Pi ctureBOX** control is used to display:

- a) text and images
- b) only images
- c) only text
- d) colors

**Answer:** b

2. Which of the following is *not* a supported image format in Visual Studio 2012:

- a) GIF

- b) TIF
- c) PNG
- d) JPEG

**Answer:** b

3. The text in the form's title bar is determined by the form's **Text** property.

**Answer:** True.

4. Clicking **BackColor** in the **Properties** window allows you to change the form's background color.

**Answer:** True.

5. The behavior of a C# program is specified through conventional programming, i.e., writing code.

**Answer:** True.