

CHAPTER 2—Dive Into® Visual Studio Community

Test Item File

2.1 Introduction

1. The purpose of the Visual Studio Community is to

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

Answer: d

2. (True/False) Visual Studio Community can be used to create apps only in C#.

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

3. (True/False) Dragging and dropping predefined building blocks into place is part of visual programming in C#.

Answer: True.

2.2 Overview of the Visual Studio Community 2015 IDE

1. By default, the Visual Studio Community2015 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. (True/False) 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. (True/False) You cannot browse the web from within the Visual Studio Community environment.

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

6. (True/False) 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. (True/False) 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. (True/False) 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. (True/False) Autohide enables the tool box to shrink down to the edge of the screen.

Answer: True.

4. (True/False) 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. (True/False) The toolbox contains icons representing controls used to customize forms.

Answer: True.

2.5 Help Menu and Context-Sensitive Help

1. Microsoft provides extensive help documentation via the _____ menu.

- a) **Assist**
- 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 Visual Programming: Creating a Simple App that Displays Text and an Image

1. The `PictureBox` 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. (True/False) The text in the form's title bar is determined by the form's `Text` property.

Answer: True.

4. (True/False) Clicking `BackColor` in the Properties window allows you to change the form's background color.

Answer: True.

5. (True/False) The behavior of a C# program is specified through conventional programming, i.e., writing code.

Answer: True.