Corrections for
Murach’s C# 2015

These are the corrections for the significant errors in each printing of this book. In addition to the corrections listed here, you may find some trivial typos and formatting errors. All types of corrections will be made in the next printing of the book.

How to tell which printing your book is in

Below the copyright notation on the back of the title page (page iv), you’ll find a series of numbers like this:

10 9 8 7 6 5 4 3 2 1

The number on the right of this sequence tells which printing your book is. In this example, it’s the first printing (February 2016).
Corrections to the first printing

Chapter 1, page 6
The last sentence of the second paragraph on this page says that you can do everything that’s presented in the book with Visual Studio 2015 Community Edition. However, CodeLens and InstallShield aren’t available with the Community Edition, and both of these features are presented in the book.

Chapter 1, page 14
The last sentence on this page says that the features of the Professional Edition of Visual Studio 2015 that aren’t available with the Community Edition aren’t presented in the book. However, CodeLense and InstallShield are presented in the book but aren’t available with the Community Edition.

Chapter 1, pages 24 and 25
The fourth paragraph on page 24 and the next to last bulleted paragraph on page 25 describe how you can pin a window to the left side of the Form Designer. This description is inaccurate. You can pin a window that contains code or a window that contains the design for a form to the left side of the main window.

Chapter 3, page 85
The procedure for changing scrollbar annotations to map mode that’s presented in the last bulleted paragraph on this page is incorrect. After expanding the Text Editor and C# groups in the Options dialog box, you simply select the Use Map Mode option in the ScrollBars category.

Chapter 4, page 105
The result of the arithmetic expression

\[-y + x\]

is not 8 as shown on this page. The correct result is 6.

Chapter 9, page 275
The format of the TryParse method on this page is incorrect. The closing parenthesis should appear just before the final semicolon, not after the style argument.

Chapter 9, page 283
The syntax of an interpolated expression within a string has an extra closing brace.

The title for the message box in the third example should be “A number and a date” to match the one shown in the figure.

Chapter 11, page 338
The last paragraph on this page refers to the PerfTip that was shown in figure 11-4. Unfortunately, the PerfTip was left out of that figure. Had it been included, it would have appeared to the right of the for statement.

Chapter 12, page 394
Some of the information that’s included in the text on this page is inaccurate or incomplete. First, the code that will be generated for a class or method is shown when you point to a command in the Quick Actions menu as illustrated by the screens on page 395. Second, the code that’s generated for a class when you use the first command in the Quick Actions menu includes a namespace statement and a constructor for the class as well as the class statement. This is the
code that will be generated when the class is created in a new file. Third, you can use the second command in the Quick Actions menu to add the class to the same file following the current class. And you can use the third command in the Quick Actions menu to nest the class within the current class.

Chapter 12, page 395
The first two headings and the first bulleted paragraph on this page indicate that this figure illustrates the live code analysis feature of Visual Studio. Although that is technically correct, more specifically, this figure illustrates the Generate From Usage feature, which is part of the live code analysis feature.

Chapter 13, page 437
The last sentence of step 13 should say to remove any unnecessary code from the event handlers for the Add and Delete buttons, not the Save and Delete buttons.

Chapter 14, page 442
The third paragraph on this page refers to the shaded classes in figure 14-2. However, the diagram in this figure has been changed so it uses different colors instead of shading. So the text should just indicate that the figure includes nine of the form control classes you’ve learned about.

Chapter 23, pages 726 and 727
The second paragraph on page 726 says that the second stage of a query operation is to define the query expression. It should say that the second stage is to define the query, since a query can be a query expression or a method-based query. The second stage of a query operation that’s shown on page 727 should also be to define the query.

Chapter 23, page 749
The first bulleted paragraph should refer to figure 23-11, not figure 23-9.

Chapter 24, page 755
In the Entity Data Model portion of the diagram on this page, the component between the conceptual model and the storage model should be “Mappings” instead of “mapping”.

Chapter 24, page 758
The first paragraph on this page should refer to figure 24-3, not figure 23-4.

The third sentence in the third paragraph under the heading How to choose the database objects should say that “…the entity that represents the Customers table will be renamed to Customer because each entity object will represent a single customer,” not that each entity will represent a single Invoice.

The third sentence in the last paragraph on this page should say that stored procedures and functions can be imported after the conceptual model is created, not after the object model is created.

Chapter 24, pages 760 and 761
The first sentence of the sixth paragraph on page 760 should say that Visual Studio uses text templates to define the container for the entities in the conceptual model, not the object model. This also applies to the second sentence of the second bulleted paragraph on page 761.

Chapter 24, page 764
The second sentence of the last paragraph on this page should say that Visual Studio creates a single diagram for a conceptual model, not for an object model.
Chapter 24, page 765
The last sentence of the next to last bulleted paragraph should say that you can work with the mappings for an association in the Mapping Details window only if foreign keys weren’t included in the *conceptual* model, not in the *object* model.

Chapter 24, page 789
The name of the form class shown on this page should be *frmAddModifyCustomer*, not *frmAddModifyVendor*.

Chapter 26, page 826
The last sentence of the second paragraph on this page under the heading *How to create a release build* should say that you can change the output folder for an application on the *Compile* page of the Project Properties window, not the *Build* page.