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# C# Sharp Programming Exercises, Practice, Solution

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## C# Sharp Array [36 exercises with solution]

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[An editor is available at the bottom of the page to write and execute the scripts.]

1. Write a program in C# Sharp to store elements in an array and print it. [Go to the editor](#)

Test Data:

Input 10 elements in the array:

element - 0 : 1

element - 1 : 1

element - 2 : 2

.....

*Expected Output :*

Elements in array are: 1 1 2 3 4 5 6 7 8 9

[Click me to see the solution](#)

2. Write a program in C# Sharp to read n number of values in an array and display it in reverse order. [Go to the editor](#)

Test Data :

Input the number of elements to store in the array :3

Input 3 number of elements in the array :

element - 0 : 2

element - 1 : 5

element - 2 : 7

*Expected Output:*

The values store into the array are:

2 5 7

The values store into the array in reverse are :

7 5 2

# C Sharp Programming Exercises Solutions

**Paul Kimmel**



## **C Sharp Programming Exercises Solutions:**

*Learning C# 3.0* Jesse Liberty, Brian MacDonald, 2008-11-18 If you're new to C this popular book is the ideal way to get started Completely revised for the latest version of the language Learning C 3 0 starts with the fundamentals and takes you through intermediate and advanced C features including generics interfaces delegates lambda expressions and LINQ You'll also learn how to build Windows applications and handle data with C No previous programming experience is required in fact if you've never written a line of code in your life bestselling authors Jesse Liberty and Brian MacDonald will show you how it's done Each chapter offers a self contained lesson to help you master key concepts with plenty of annotated examples illustrations and a concise summary With this book you will Learn how to program as you learn C Grasp the principles of object oriented programming through C Discover how to use the latest features in C 3 0 and the NET 3 5 Framework including LINQ and the Windows Presentation Foundation WPF Create Windows applications and data driven applications You'll also find a unique Test Your Knowledge section in each chapter with practical exercises and review quizzes so you can practice new skills and test your understanding If you're ready to dive into C and NET programming this book is a great way to quickly get up to speed

**Visual C# 2005** Harvey M. Deitel, Paul J. Deitel, 2006 Learn how to build winning C applications start to finish using the Deitels proven methodology and signature Live Code™ Approach This new edition includes extensive use of Visual Studio 2005's new visual programming tools that tremendously reduce the amount of code programmers need to write in ADO NET and ASP NET applications With these new tools programmers can develop powerful ADO NET and ASP NET applications quickly and easily You'll start with an introduction to C and Visual C 2005 Express After examining methods and arrays the Deitels present an in depth introduction to object oriented programming They introduce powerful exception handling techniques for building mission critical software followed by in depth coverage of C based GUI development Coverage also includes multithreading strings characters regular expressions graphics files and streams and more Next you'll extend your C applications to leverage XML and NET as you master ADO NET database access and ASP NET Web services delivery An integrated optional ATM case study teaches object oriented design with UML™ 2 0 while a new GradeBook case study aids in the discussion of early classes and objects From networking to security the Deitels present hundreds of expert tips on good programming practices avoiding errors maximizing performance testing and debugging For beginning programmers and for developers experienced with traditional languages who want to master C quickly

Visual C# 2008 Paul J. Deitel, Harvey M. Deitel, 2009 Created by world renowned programming instructors Paul and Harvey Deitel Visual C 2008 How to Program Third Edition introduces all facets of the C 2008 language through the Deitels signature Live Code Approach that features hundreds of working programs This book has been thoroughly updated to reflect the major innovations Microsoft has incorporated in Visual C 2008 and NET 3 5 The many new platform features covered include LINQ Language Integrated Query Windows Presentation Foundation WPF ASP NET Ajax and the Microsoft Ajax Library Silverlight

based rich Internet application development and creating Web services with Windows Communication Foundation WCF New language features introduced in this edition automatic properties object initializers partial classes and methods anonymous methods Lambda expressions extension methods anonymous types and collection initializers Extensively updated coverage of delegates and more sophisticated techniques including searching sorting data structures generics and collections Appendices provide essential programming reference material on topics ranging from number systems to the Visual Studio Debugger UML 2 to Unicode and ASCII Appropriate for all basic to intermediate level Visual C 2008 programmers

**Object Oriented Programming using C#**, *C# Primer Plus* Klaus Michelsen,2002 C Primer Plus teaches the C programming language and relevant parts of the NET platform from the ground up walking you through the basics of object oriented programming important programming techniques and problem solving while providing a thorough coverage of C s essential elements such as classes objects data types loops branching statements arrays and namespaces In early chapters guided tours take you sightseeing to the main attractions of C and provide a fast learning path that enables you to quickly write simple C programs Your initial programming skills are then gradually expanded through the many examples case studies illustrations review questions and programming exercises to include powerful concepts like inheritance polymorphism interfaces and exception handling along with C s most innovative features such as properties indexers delegates and events With C Primer Plus s dual emphasis on C as well as fundamental programming techniques this friendly tutorial will soon make you a proficient C programmer building Windows applications on the NET platform

**Head First C#** Andrew Stellman,Jennifer Greene,2010-05-18 This book covers C NET 4 0 and Visual Studio 2010 and teaches everything from inheritance to serialization book cover

**A Natural Introduction to Computer Programming with C#** Kari Laitinen,2004 This is the second in a series of books which introduce their readers in a natural and systematic way to the world of computer programming This book teaches computer programming with the C programming language Pronounced see sharp this language is the latest important programming language in the computer world While studying computer programming with this book the reader does not necessarily require any previous knowledge about the subject The basic operating principles of computers are taught before the actual studies of computer programming begin All the examples of computer programs are written so that the reader encounters a lot of natural language expressions instead of the traditional abbreviations of the computer world This approach aims to make learning easier The pages of the book are designed to maximize readability and understandability Examples of computer programs are presented in easy to read graphical descriptions Because the pages of the book are large example programs can be presented in a more reader friendly way than in traditional programming books In addition pages are written so that the reader does not need to turn them unnecessarily The electronic material that is available for the readers of this book includes 250 C computer programs of which 101 are example programs presented on the pages of the book Almost one hundred programs are provided as solutions to

programming exercises The rest of the programs are extra programs for interested readers When you study computer programming you need special programming tools in your personal computer This book explains how the reader can download free programming tools from the Internet Alternatively the reader can work with commercial programming tools Although this book is designed to be an easy book for beginners in the field of computer programming it may be useful for more experienced programmers as well More experienced people might not need to read every paragraph of the body text Instead they could proceed more quickly and concentrate on the example programs which are explained with special text bubbles The book has a 14 page index which should help people to find information about certain features of the C language

*Professional Windows 8 Programming* Nick Lecrenski,Doug Holland,Allen Sanders,Kevin Ashley,2012-12-07 It is an exciting time to be a Windows developer The arrival of Windows 8 is a complete game changer The operating system and its development platform offer you an entirely new way to create rich full featured Windows based applications This team of authors takes you on a journey through all of the new development features of the Windows 8 platform specifically how to utilize Visual Studio 2012 and the XAML C languages to produce robust apps that are ready for deployment in the new Windows Store Professional Windows 8 Programming Learn how to utilize XAML to create rich content driven user interfaces Make use of the new AppBar to create a chrome less menu system See how to support Sensors and Geo location on Windows 8 devices Integrate your app into the Windows 8 ecosystem with Contracts and Extensions Walks you through the new Windows 8 navigation system for multi page apps Minimize code with Data Binding and MVVM design patterns Features tips on getting your app ready for the Windows store Maximize revenue for your app by learning about available monetization strategies

**Advanced C# Programming** Paul Kimmel,2002-09-04 This advanced resource is ideal for experienced programmers seeking practical solutions to real problems Discover valuable coding techniques and best practices while learning to master Microsoft s newest cross platform programming language This definitive guide will show you how to expertly apply and integrate C into your business applications Create user controls special effects text dynamic user interfaces custom attributes plus you ll also find reliable security and authentication methods

**Microsoft Visual C# .Net Step by Step** John Sharp,Jon Jagger,2002 This title gives readers with previous Microsoft Visual C or Microsoft Visual Basic experience the foundation they need to hit the ground running with the versatile Microsoft Visual C NET object oriented Web development language Real world programming scenarios and easy to follow step by step exercises offer the fast and clear instruction readers need to begin creating stable efficient business level objects and system level applications Readers also get code samples on a companion CD ROM to study and reuse in their own projects

Precalculus Phillip W. Bean,Jack C. Sharp,Thomas J. Sharp,1993

*Testing Program and Self-assessment Exercise for Cytotechnologists* Catherine M. Keebler,1980

Programming Microsoft Visual C# 2005 Francesco Balena,2006 An in depth reference for C developers this book goes beyond the basics and covers key advanced topics of C programming An ideal base class library reference this

book provides expert insights hands on instruction and practical code samples Resource description page **C#: A Beginner's Guide** Pat McGee,2015-01-02 Essential Skills Made Easy C A Beginner s Guide offers a step by step approach to learning object oriented programming with C and the NET Framework while preparing you for data driven development More than 150 easy to follow examples are included The book covers Visual Studio for developmentand debugging collections and advanced C structures LINQ and traditional database development as well as file XML and JSON handling By the end of the book you ll have the foundation you need to begin developing advanced data driven applications in any C based platform Designed for Easy Learning Key Skills Concepts Chapter opening lists of specific skills covered in the chapter Try This Hands on exercises that show you how to apply your skills Notes Extra information related to the topic being covered Tips Helpful reminders or alternate ways of doing things Cautions Errors and pitfalls to avoid Self Test End of chapter quizzes to reinforce your skills Example code with commentary that describes the programming techniques being illustrated Ready to use code at [www.mhprofessional.com](http://www.mhprofessional.com) *Books and Pamphlets, Including Serials and Contributions to Periodicals* Library of Congress. Copyright Office,1976-07 *The Improvement Era* ,1897 *The Publishers' Circular and Booksellers' Record of British and Foreign Literature* ,1896 **Normal Instructor and Teachers World** ,1928 *United Services and Empire Review* ,1912 [The Pacific Coast Musician](#) ,1919

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