

# Linux In Easy Steps 5th Edition

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[Visual Basic in easy steps, 3rd edition](#) - Mike McGrath 2010-12-20

Visual Basic In Easy Steps shows you how to quickly create Windows applications using the latest Visual Basic 2010 programming environment. It provides code examples, screenshots, and step-by-step instructions that illustrate each aspect of Visual Basic. Visual Basic In Easy Steps begins by describing the installation process then introduces form controls, application properties, the programming language, and problem-solving techniques. It illustrates, by example, how to build and deploy a complete Windows application. It also explores scripting with Visual Basic to create macros for Microsoft Office and exciting dynamic web pages for Internet Explorer. The book demonstrates how to incorporate external data into your applications from text files, Excel spreadsheets, XML documents, live RSS web feeds, and SQL databases. You need have no previous knowledge of any programming language so it's ideal if you're a newcomer to Windows programming. Each chapter builds your knowledge of Visual Basic. By the end of this book you will have gained a sound understanding of Visual Basic programming and be able to create your own interactive applications. Visual Basic In Easy Steps has an easy-to-follow style that will appeal to anyone who wants to begin Windows programming. It will appeal to programmers who want to quickly learn the latest Visual Basic techniques, and to the student who is studying computing at school

or college, and to those seeking a career in Information Technology who need a thorough understanding of Visual Basic programming.

[C Programming In Easy Steps](#) - Mike McGrath 2002-12-04

C Programming in easy steps instructs the reader how to program in C both on Unix-based platforms, such as Linux, and on Windows platforms. Linux users should already have the GNU C compiler on their system but the book explains how to download and install the GNU C compiler for Windows users. It contains separate chapters on each major feature of the C language, with examples, and a reference section describing the standard C header class functions. By the end of the book the reader will have gained a sound understanding of the C language and be able to write their own C programs and compile them into executable files that can be run on any compatible PC.

[Running Linux](#) - Matthias Kalle Dalheimer 2005-12-22

You may be contemplating your first Linux installation. Or you may have been using Linux for years and need to know more about adding a network printer or setting up an FTP server. Running Linux, now in its fifth edition, is the book you'll want on hand in either case. Widely recognized in the Linux community as the ultimate getting-started and problem-solving book, it answers the questions and tackles the configuration issues that frequently plague users, but are seldom addressed in other books. This fifth edition of Running Linux is greatly expanded, reflecting the maturity of the

operating system and the teeming wealth of software available for it. Hot consumer topics such as audio and video playback applications, groupware functionality, and spam filtering are covered, along with the basics in configuration and management that always have made the book popular. Running Linux covers basic communications such as mail, web surfing, and instant messaging, but also delves into the subtleties of network configuration--including dial-up, ADSL, and cable modems--in case you need to set up your network manually. The book can make you proficient on office suites and personal productivity applications--and also tells you what programming tools are available if you're interested in contributing to these applications. Other new topics in the fifth edition include encrypted email and filesystems, advanced shell techniques, and remote login applications. Classic discussions on booting, package management, kernel recompilation, and X configuration have also been updated. The authors of Running Linux have anticipated problem areas, selected stable and popular solutions, and provided clear instructions to ensure that you'll have a satisfying experience using Linux. The discussion is direct and complete enough to guide novice users, while still providing the additional information experienced users will need to progress in their mastery of Linux. Whether you're using Linux on a home workstation or maintaining a network server, Running Linux will provide expert advice just when you need it.

**LINUX IN EASY STEPS.** - MIKE. MCGRATH  
2018

PHP & MySQL in easy steps - Mike McGrath  
2012-08-24

PHP and MySQL in easy steps will teach the user to write PHP server-side scripts and how to make MySQL database queries. It has an easy-to-follow style that will appeal to: anyone who wants to begin producing data-driven web pages. web developers wanting to add database interaction to their web sites. the programmer who quickly wants to add PHP and MySQL to their skills set. the hobbyist who wants to begin creating scripts for upload to their own ISP. the student, and to those seeking a career in computing, who need a fundamental

understanding of server-side programming with PHP and MySQL. PHP & MySQL in easy steps demonstrates by example how to produce data-driven web pages using the powerful PHP scripting language and the popular free MySQL database server. The book examples provide clear syntax-highlighted code showing how to selectively insert and extract data from databases for presentation on your web browser. PHP & MySQL in easy steps begins by explaining how to install a free web server, the PHP interpreter, and MySQL database server, to create an environment in which you can produce your very own data-driven server-side web pages. You will learn how to write PHP server-side scripts and how to make MySQL database queries. Examples illustrate how to store and retrieve Session Data, how to provide a Message Board, and how to create an E-Commerce Shopping Cart. This book assumes you have no previous experience of any programming or scripting language so is ideal for the newcomer to PHP and MySQL technologies.

**Linux For Dummies** - Richard Blum 2009-07-17  
One of the fastest ways to learn Linux is with this perennial favorite. Eight previous top-selling editions of Linux For Dummies can't be wrong. If you've been wanting to migrate to Linux, this book is the best way to get there. Written in easy-to-follow, everyday terms, Linux For Dummies 9th Edition gets you started by concentrating on two distributions of Linux that beginners love: the Ubuntu LiveCD distribution and the gOS Linux distribution, which comes pre-installed on Everex computers. The book also covers the full Fedora distribution. Linux is an open-source operating system and a low-cost or free alternative to Microsoft Windows; of numerous distributions of Linux, this book covers Ubuntu Linux, Fedora Core Linux, and gOS Linux, and includes them on the DVD. Install new open source software via Synaptic or RPM package managers Use free software to browse the Web, listen to music, read e-mail, edit photos, and even run Windows in a virtualized environment Get acquainted with the Linux command line If you want to get a solid foundation in Linux, this popular, accessible book is for you. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

## C++ Programming in Easy Steps - Mike

McGrath 2003-08-27

C++ Programming in easy steps instructs the reader how to program in C++ both on Windows platforms and on Unix-based platforms, such as Linux. It contains separate chapters on the major features of the C++ language. There are complete example programs that illustrate each aspect of C++. C++ Programming in easy steps begins by explaining how to download and install a free C++ compiler so that the reader can quickly begin to create their own executable programs by copying the book's examples. This book makes no assumption that the reader will have previous knowledge of any programming language so it's ideal for the newcomer to computer programming. Each chapter builds the reader's knowledge of C++. By the end of this book the reader will have gained a sound understanding of the C++ language and be able to write their own C++ programs and compile them into executable files that can be run on any compatible computer. · Introducing C ++ · Storing Data · Performing Operations · Making Statements · Working with strings · Reading and writing files · Using Functions · Creating Classes and Objects · Pointing to Data · Referencing Data · Inheriting Features · Harnessing Polymorphism · Processing Macros · Handling Exceptions · Moving On

## *Unix and Linux* - Eric J. Ray 2014-07-07

In this updated edition, authors Deborah and Eric Ray use crystal-clear instructions and friendly prose to introduce you to all of today's Unix essentials. You'll find the information you need to get started with the operating system and learn the most common Unix commands and concepts so that Unix can do the hard work for you. After mastering the basics of Unix, you'll move on to how to use directories and files, work with a shell, and create and edit files. You'll then learn how to manipulate files, configure a Unix environment, and run—and even write—scripts. Throughout the book—from logging in to being root—the authors offer essential coverage of Unix.

## **iPhone for Seniors in easy steps, 5th edition**

- Nick Vandome 2018-11-13

iPhone for Seniors in easy steps, 4th edition covers everything the reader needs know to keep fully connected. The book shows how to:

Make and receive phone calls · Text with the Messages app, including a variety of new fun features including animojis and emojis · Make video calls with FaceTime · Set up and use email accounts · Use Settings to customise your iPhone exactly to your style and requirement · Use Apple Pay on your iPhone to pay securely – no need to carry your wallet all the time · Master the newly designed Control Center · Explore the entire iTunes Music library, share music, videos, apps, calendars and photos with family members – stay in the loop with children and grandchildren! An in-depth chapter on iCloud, Apple's online storage, sharing and backup service, explains how iCloud works and shows how it can automatically store your data and share your photos so you don't have to worry about losing information should anything happen to your iPhone. Written with the Senior reader in mind, and presented in larger type for easier reading. Covers all models of iPhone with iOS 12. Table of Contents: · Your new iPhone · Starting to use your iPhone · Head in the iCloud · Calls and Contacts · Typing and Texts · The Online World · Hands on with Apps · Apps for Every Day · Relaxing with your iPhone · On the Go · Camera and Photos · Practical Matters

## **InDesign in easy steps - covers CS3-CS5** -

Robert Shufflebotham 2011-03-14

Written by an industry professional with over 20 years' experience of training in electronic publishing software, InDesign in easy steps breaks down this versatile, user-friendly page layout software into a straightforward, manageable and logical series of learning events. If your aim is to get started with the basics, become a competent and confident user, and then to master InDesign - this book is for you. The book builds from the basics, such as the Working Environment, Building Pages, Text, character and Paragraph settings. Then, it continues to cover more and more of the extensive range of functionality InDesign has to offer. By following the book's logical structure you can develop the core skills needed to master the software. Areas covered include: Tables and Tabs; Table of Contents, Indexing and Books; Printing and Exporting; Transformations and Transparency; Paths and the Pen Tool. For both Windows & Mac users.

## **Java in easy steps, 5th edition** - Mike

McGrath 2014-08-01

Java in easy steps instructs you how to easily create your own exciting Java programs. Now, updated for Java 8, it contains separate chapters on the major features of the Java language. Complete example programs with colorized code illustrate each important aspect of Java programming - all in easy steps. Now, in its fifth edition, Java in easy steps begins by explaining how to download and install the free Java Development Kit (JDK) for the Java SE (Standard Edition) platform. This allows you to quickly begin creating your own executable programs by copying the examples. This book assumes no previous knowledge of any programming language so it's ideal for the newcomer to computer programming. Each chapter builds your knowledge of Java. By the end of this book you will have gained a sound understanding of the Java language and be able to write your own Java programs and compile them into executable files that can be run on any Java-enabled computer.

*Linux in easy steps, 5th edition* - Mike McGrath  
2010-06-10

Begun as a small-scale labor of love, Linux has blossomed into the world's most versatile and flexible operating system. The reasons for its appeal are manifold: This open source OS allows numerous users to simultaneously work with multiple applications without experiencing any traffic problems, thus making it an ideal operating system for web servers. In addition, Linux is an extremely stable operating system that serves as a platform for an ever-growing number of quality applications. And not least, it's free! You can download it for nothing from the Internet. With Linux In Easy Steps, joining the Linux Revolution is as easy as one, two, three. Following its simple instructions, you can learn to install the operating system, explore the desktop, and launch great applications. This fully illustrated primer teaches you to climb the Linux directory tree, navigate with the File Browser, and much more. Its easy-to-understand tutorials guide you through the OpenOffice business suite and media applications that let you enjoy the web, music, video, and graphics. Later chapters show you how to use the Linux shell to communicate directly with the kernel at the very heart of the operating system, allowing you total

control over your Linux system. Linux In Easy Steps opens the door to a whole new world of digital possibilities!

*The Linux Command Line* - William E. Shotts, Jr.  
2012

You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: \* Create and delete files, directories, and symlinks \* Administer your system, including networking, package installation, and process management \* Use standard input and output, redirection, and pipelines \* Edit files with Vi, the world's most popular text editor \* Write shell scripts to automate common or boring tasks \* Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

[Linux in easy steps 6th edition](#) - Mike McGrath

*JavaScript in easy steps, 5th edition* - Mike McGrath  
2013-01-28

JavaScript in easy steps, now in its 5th edition, instructs the user how to create exciting web pages that employ the power of JavaScript to provide functionality. You need have no previous knowledge of any scripting language so it's ideal for the newcomer to JavaScript. By the end of this book you will have gained a sound understanding of JavaScript and be able to add

exciting dynamic scripts to your own web pages. JavaScript in easy steps begins by explaining how to easily incorporate JavaScript code in an HTML document. Examples demonstrate how to use built-in JavaScript functions to work with Math, date and time, random numbers, cookies, text strings, and components of document content. You will learn how to create effects, such as an automated slide show, learn how JavaScript is used with HTML submission forms, and how to develop Rich Internet Applications (RIAs) using the latest techniques employing Asynchronous JavaScript And XML (AJAX). The book examples provide clear syntax-highlighted code showing how to create behaviors for an HTML document to endow components with interactive functionality, to illustrate each aspect of JavaScript. JavaScript in easy steps has an easy-to-follow style that will appeal to anyone who wants to add functionality to their web pages. It will appeal to programmers who want to quickly add JavaScript to their skills set, and to the student who is studying website design at school or college, and to those seeking a career in web development who need an understanding of client-side scripting.

**Excel 2007 in easy steps** - Michael Price  
2012-02-10

Excel 2007 in easy steps introduces the Ribbon interface provided by Office 2007. It shows you how to create and manipulate worksheets, starting with the basic concepts and then introducing functions and features that allow you to organize and manage vast amounts of information. It covers the Excel Table data list structures, advanced functions and Excel add-ins, and shows you how to present your worksheet data in chart formats. The book will help you to create macros, recorded or via Visual Basic. You'll learn how to use templates, tools and other resources to help you apply Excel to various tasks. You'll link your worksheets to other workbooks and to data sources on the Internet to get automatic updates. Written concisely yet comprehensively, this is an ideal book to help you grasp the essentials of Excel 2007 quickly and easily, even if you are new to the spreadsheet concept.

**Linux in a Nutshell** - Ellen Siever 2005

Over the last few years, Linux has grown both as an operating system and a tool for personal and

business use. Simultaneously becoming more user friendly and more powerful as a back-end system, Linux has achieved new plateaus: the newer filesystems have solidified, new commands and tools have appeared and become standard, and the desktop--including new desktop environments--have proved to be viable, stable, and readily accessible to even those who don't consider themselves computer gurus. Whether you're using Linux for personal software projects, for a small office or home office (often termed the SOHO environment), to provide services to a small group of colleagues, or to administer a site responsible for millions of email and web connections each day, you need quick access to information on a wide range of tools. This book covers all aspects of administering and making effective use of Linux systems. Among its topics are booting, package management, and revision control. But foremost in Linux in a Nutshell are the utilities and commands that make Linux one of the most powerful and flexible systems available. Now in its fifth edition, Linux in a Nutshell brings users up-to-date with the current state of Linux. Considered by many to be the most complete and authoritative command reference for Linux available, the book covers all substantial user, programming, administration, and networking commands for the most common Linux distributions. Comprehensive but concise, the fifth edition has been updated to cover new features of major Linux distributions. Configuration information for the rapidly growing commercial network services and community update services is one of the subjects covered for the first time. But that's just the beginning. The book covers editors, shells, and LILO and GRUB boot options. There's also coverage of Apache, Samba, Postfix, sendmail, CVS, Subversion, Emacs, vi, sed, gawk, and much more. Everything that system administrators, developers, and power users need to know about Linux is referenced here, and they will turn to this book again and again.

**CSS** - Mike McGrath 2005

**Assembly Language Step-by-Step** - Jeff Duntemann 2011-03-03

The eagerly anticipated new edition of the bestselling introduction to x86 assembly

language The long-awaited third edition of this bestselling introduction to assembly language has been completely rewritten to focus on 32-bit protected-mode Linux and the free NASM assembler. Assembly is the fundamental language bridging human ideas and the pure silicon hearts of computers, and popular author Jeff Dunteman retains his distinctive lighthearted style as he presents a step-by-step approach to this difficult technical discipline. He starts at the very beginning, explaining the basic ideas of programmable computing, the binary and hexadecimal number systems, the Intel x86 computer architecture, and the process of software development under Linux. From that foundation he systematically treats the x86 instruction set, memory addressing, procedures, macros, and interface to the C-language code libraries upon which Linux itself is built. Serves as an ideal introduction to x86 computing concepts, as demonstrated by the only language directly understood by the CPU itself Uses an approachable, conversational style that assumes no prior experience in programming of any kind Presents x86 architecture and assembly concepts through a cumulative tutorial approach that is ideal for self-paced instruction Focuses entirely on free, open-source software, including Ubuntu Linux, the NASM assembler, the Kate editor, and the Gdb/Insight debugger Includes an x86 instruction set reference for the most common machine instructions, specifically tailored for use by programming beginners Woven into the presentation are plenty of assembly code examples, plus practical tips on software design, coding, testing, and debugging, all using free, open-source software that may be downloaded without charge from the Internet.

[Beginning C](#) - Ivor Horton 2007-12-22

C is the programming language of choice when speed and reliability are required. It is used for many low-level tasks, such as device drivers and operating-system programming. For example, much of Windows and Linux is based on C programming. The updated 4th edition of *Beginning C* builds on the strengths of its predecessors to offer an essential guide for anyone who wants to learn C or desires a 'brush-up' in this compact, fundamental language. This classic from author, lecturer and respected academic Ivor Horton is the essential guide for

anyone looking to learn the C language from the ground up.

*CompTIA Linux+ Guide to Linux Certification* - Jason Eckert 2015-02-02

Equip today's users with the most up-to-date information to pass CompTIA's Linux+ (Powered by LPI) Certification exam successfully and excel when using Linux in the business world with Eckert's *LINUX+ GUIDE TO LINUX CERTIFICATION, 4E*. This complete guide provides a solid conceptual foundation and mastery of the hands-on skills necessary to work with the Linux operation system in today's network administration environment. The author does an exceptional job of maintaining a focus on quality and providing classroom usability while highlighting valuable real-world experiences. This edition's comprehensive coverage emphasizes updated information on the latest Linux distributions as well as storage technologies commonly used in server environments, such as LVM and ZFS. New, expanded material addresses key job-related networking services, including FTP, NFS, Samba, Apache, DNS, DHCP, NTP, Squid, Postfix, SSH, VNC, Postgresql, and iptables/firewalld. Readers study the latest information on current and emerging security practices and technologies. Hands-On Projects help learners practice new skills using both Fedora™ 20 and Ubuntu Server 14.04 Linux, while review questions and key terms reinforce important concepts. Trust *LINUX+ GUIDE TO LINUX CERTIFICATION, 4E* for the mastery today's users need for success on the certification exam and throughout their careers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**The Linux Command Line, 2nd Edition** - William Shotts 2019-03-07

You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. *The Linux Command Line* takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell (or command line). Along the way you'll learn the timeless skills handed down by generations of experienced, mouse-shunning gurus: file navigation, environment

configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: Create and delete files, directories, and symlinks Administer your system, including networking, package installation, and process management Use standard input and output, redirection, and pipelines Edit files with Vi, the world's most popular text editor Write shell scripts to automate common or boring tasks Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust.

*Linux All-in-One For Dummies* - Emmett Dulaney  
2010-08-20

A complete guide and reference to five major Linux distributions Linux continues to grow in popularity worldwide as a low-cost, reliable operating system for enterprise use. Nine minibooks in this guide cover everything administrators need to know about the five leading versions: Ubuntu, Fedora Core, OpenSUSE, Mint, and Mandriva. The companion DVD includes full Ubuntu installations and ISO images for the other four, saving hours of downloading time. The open source Linux operating system is gaining market share around the world for both desktop and server use; this soup-to-nuts guide covers installation and everything else administrators need to know about Ubuntu, Fedora Core, OpenSUSE, Mint, and Mandriva Nine self-contained minibooks cover Linux basics, desktops, networking, Internet, administration, security, Linux servers, programming, and scripting Updated to cover the newest versions of the five top distributions, with complete installation instructions and a DVD including the full Ubuntu installations and ISO images for the others Linux users and administrators will be able to install and sample five popular Linux flavors with the information in *Linux All-in-One For Dummies*. Note: CD-

ROM/DVD and other supplementary materials are not included as part of eBook file.

AN INTRODUCTION TO OPERATING SYSTEMS : CONCEPTS AND PRACTICE (GNU/LINUX AND WINDOWS), FIFTH EDITION - BHATT, PRAMOD CHANDRA P. 2019-07-01

The book, now in its Fifth Edition, aims to provide a practical view of GNU/Linux and Windows 7, 8 and 10, covering different design considerations and patterns of use. The section on concepts covers fundamental principles, such as file systems, process management, memory management, input-output, resource sharing, inter-process communication (IPC), distributed computing, OS security, real-time and microkernel design. This thoroughly revised edition comes with a description of an instructional OS to support teaching of OS and also covers Android, currently the most popular OS for handheld systems. Basically, this text enables students to learn by practicing with the examples and doing exercises. NEW TO THE FIFTH EDITION • Includes the details on Windows 7, 8 and 10 • Describes an Instructional Operating System (PintOS), FEDORA and Android • The following additional material related to the book is available at [www.phindia.com/bhatt](http://www.phindia.com/bhatt). o Source Code Control System in UNIX o X-Windows in UNIX o System Administration in UNIX o VxWorks Operating System (full chapter) o OS for handheld systems, excluding Android o The student projects o Questions for practice for selected chapters TARGET AUDIENCE • BE/B.Tech (Computer Science and Engineering and Information Technology) • M.Sc. (Computer Science) BCA/MCA

Mastering Linux - Paul S. Wang 2011-07-07 Encouraging hands-on practice, *Mastering Linux* provides a comprehensive, up-to-date guide to Linux concepts, usage, and programming. Through a set of carefully selected topics and practical examples, the book imparts a sound understanding of operating system concepts and shows how to use Linux effectively. Ready-to-Use Examples Offer Immediate Access to Practical Applications After a primer on the fundamentals, the text covers user interfaces, commands and filters, Bash Shell scripting, the file system, networking and Internet use, and kernel system calls. It presents many examples and complete

programs ready to run on your Linux system. Each chapter includes a summary and exercises of varying degrees of difficulty. Web Resource The companion website at <http://ml.sofpower.com/> offers a host of ancillary materials. Along with links to numerous resources, it includes appendices on SSH and SFTP, VIM, text editing with Vi, and the emacs editor. The site also provides a complete example code package for download. Master the Linux Operating System Toolbox This book enables you to leverage the capabilities and power of the Linux system more effectively. Going beyond this, it can help you write programs at the shell and C levels—encouraging you to build new custom tools for applications and R&D.

**Learning the Unix Operating System** - Jerry Peek 2002

A handy book for someone just starting with Unix or Linux, and an ideal primer for Mac and PC users of the Internet who need to know a little about Unix on the systems they visit. The most effective introduction to Unix in print, covering Internet usage for email, file transfers, web browsing, and many major and minor updates to help the reader navigate the ever-expanding capabilities of the operating system.

**Raspberry Pi 3 in easy steps** - Mike McGrath 2016-05-27

The Raspberry Pi is an inexpensive programmable credit-card sized computer that plugs into your TV and a keyboard. It can be used for many of the things that your PC does, like spreadsheets, word-processing and playing games, but its real purpose is to inspire children (and adults) to learn how to program. Over five million Raspberry Pis have been sold worldwide, so far! Raspberry Pi 3 in easy steps starts with the basic components you'll need, setting up the system and logging into the console. Then, in easy steps, it introduces you to the Raspbian operating system that is optimized for the Raspberry Pi. You'll learn how to customize the look and feel of your system, how to navigate the file system, and how to use the powerful system 'shell' to make things happen for you. The new GPIO interface is fully described, and the new NOOBS installer is also described for setup. Raspberry Pi 3 in easy steps enables complete beginners to create their very own computer

programs with the Scratch visual programming environment. It also instructs programming in the high-level (human-readable) Python programming language, which is processed by the Python 'interpreter' to produce results fast. Examples demonstrate how to use the included Python 'pygame' module, to make your own games, and how to use the included 'Tkinter' module to create graphical windowed apps. Raspberry Pi 3 in easy steps also illustrates how to control electrical input and output on the Raspberry Pi header from Python scripts, including lighting a lamp, adding more buttons and controlling projects. With the knowledge gained from this book the reader can confidently advance to any future electronic Raspberry Pi project or other explore other programming environments. Covers the latest versions of Python.

C Programming in easy steps, 5th edition - Mike McGrath 2018-11-05

C Programming in easy steps, 5th edition has an easy-to-follow style that will appeal to anyone who wants to begin programming in C, from programmers moving from another programming language, to the student who is studying C programming at school or college, or to those seeking a career in computing who need a fundamental understanding of procedural programming. C Programming in easy steps, 5th edition begins by explaining how to download and install a free C compiler so that you can quickly begin to create your own executable programs by copying the book's examples. You need have no previous knowledge of any programming language so it's ideal for the newcomer to computer programming. Each chapter builds your knowledge of C. C Programming in easy steps, 5th edition contains separate chapters on the major features of the C language. There are complete example programs that demonstrate each aspect of C together with screenshots that illustrate the output when that program has been executed. The free, downloadable sample code provided via the In Easy Steps website all has coloured syntax-highlighting for clearer understanding. By the end of this book you will have gained a sound understanding of the C language and be able to write your own C programs and compile them into executable files that can be run on any

compatible computer. Fully updated and revised since the fourth edition, which was published in April 2012 - now covers the GNU Compiler version 6.3.0 and Windows 10. Table of Contents: Getting started Storing variable values Setting constant values Performing operations Making statements Employing functions Pointing to data Manipulating strings Building structures Producing results Reference Section  
**C++ Programming in Easy Steps** - Mike McGrath 2017-01

**Beginning Linux Programming** - Neil Matthew 2011-04-22

Beginning Linux Programming, Fourth Edition continues its unique approach to teaching UNIX programming in a simple and structured way on the Linux platform. Through the use of detailed and realistic examples, students learn by doing, and are able to move from being a Linux beginner to creating custom applications in Linux. The book introduces fundamental concepts beginning with the basics of writing Unix programs in C, and including material on basic system calls, file I/O, interprocess communication (for getting programs to work together), and shell programming. Parallel to this, the book introduces the toolkits and libraries for working with user interfaces, from simpler terminal mode applications to X and GTK+ for graphical user interfaces. Advanced topics are covered in detail such as processes, pipes, semaphores, socket programming, using MySQL, writing applications for the GNOME or the KDE desktop, writing device drivers, POSIX Threads, and kernel programming for the latest Linux Kernel.

**Windows 7 for Seniors in easy steps** - Michael Price 2009-11-30

Windows 7 for Seniors in easy steps introduces the features of this Windows operating system, presented with the senior reader in mind. It uses larger type for easy reading, and discusses the topics in a clear and concise manner. It concentrates on the activities you'll want to carry out, whether you're completely new to computers, or you're upgrading from a previous version of Windows. Windows 7 for Seniors in easy steps starts with identifying the right edition of Windows 7 for your purpose. It focuses on the new user interface features to save you

time and become more efficient using your computer, and also helps you customize your system to suit your way of working. It looks at Windows Aero themes and functions, and covers software gadgets and new features such as multi-touch screens. Windows 7 for Seniors in easy steps covers home networking and homegroups, email, internet, digital photography, music and video. It reviews the applications and games that are supplied with Windows 7 and the supplementary applications provided through Windows Live Essentials. It also covers issues of security, protection from computer viruses, maintaining your system and keeping it up to date.

*InDesign CS2 in Easy Steps* - Robert Shufflebotham 2006

**Access 2003 in Easy Steps** - Mark Lewin 2004

Unix in 24 Hours, Sams Teach Yourself - Dave Taylor 2015

Learn to use Unix, OS X, or Linux quickly and easily! In just 24 lessons of one hour or less, Sams Teach Yourself Unix in 24 Hours helps you get up and running with Unix and Unix-based operating systems such as Mac OS X and Linux. Designed for beginners with no previous experience using Unix, this book's straightforward, step-by-step approach makes it easy to learn. Each lesson clearly explains essential Unix tools and techniques from the ground up, helping you to become productive as quickly and efficiently as possible. Step-by-step instructions carefully walk you through the most common Unix tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills. Notes and tips point out shortcuts and solutions Learn how to ... Pick the command shell that's best for you Organize the Unix file system (and why) Manage file and directory ownership and permissions Maximize your productivity with power filters and pipes Use the vi and emacs editors Create your own commands and shell scripts Connect to remote systems using SSH and SFTP Troubleshoot common problems List files and manage disk usage Get started with Unix shell programming Set up printing in a Unix environment Archive and back up files Search

for information and files Use Perl as an alternative Unix programming language Set up, tweak, and make use of the GNOME graphical environment Contents at a Glance HOUR 1: What Is This Unix Stuff? HOUR 2: Getting onto the System and Using the Command Line HOUR 3: Moving About the File System HOUR 4: Listing Files and Managing Disk Usage HOUR 5: Ownership and Permissions HOUR 6: Creating, Moving, Renaming, and Deleting Files and Directories HOUR 7: Looking into Files HOUR 8: Filters, Pipes, and Wildcards! HOUR 9: Slicing and Dicing Command-Pipe Data HOUR 10: An Introduction to the vi Editor HOUR 11: Advanced vi Tricks, Tools, and Techniques HOUR 12: An Overview of the emacs Editor HOUR 13: Introduction to Command Shells HOUR 14: Advanced Shell Interaction HOUR 15: Job Control HOUR 16: Shell Programming Overview HOUR 17: Advanced Shell Programming HOUR 18: Printing in the Unix Environment HOUR 19: Archives and Backups HOUR 20: Using Email to Communicate HOUR 21: Connecting to Remote Systems Using SSH and SFTP HOUR 22: Searching for Information and Files HOUR 23: Perl Programming in Unix HOUR 24: GNOME and the GUI Environment Appendix A: Common Unix Questions and Answers.

*Understanding the Linux Kernel* - Daniel Pierre Bovet 2002

To thoroughly understand what makes Linux tick and why it's so efficient, you need to delve deep into the heart of the operating system--into the Linux kernel itself. The kernel is Linux--in the case of the Linux operating system, it's the only bit of software to which the term "Linux" applies. The kernel handles all the requests or completed I/O operations and determines which programs will share its processing time, and in what order. Responsible for the sophisticated memory management of the whole system, the Linux kernel is the force behind the legendary Linux efficiency. The new edition of *Understanding the Linux Kernel* takes you on a guided tour through the most significant data structures, many algorithms, and programming tricks used in the kernel. Probing beyond the superficial features, the authors offer valuable insights to people who want to know how things really work inside their machine. Relevant

segments of code are dissected and discussed line by line. The book covers more than just the functioning of the code, it explains the theoretical underpinnings for why Linux does things the way it does. The new edition of the book has been updated to cover version 2.4 of the kernel, which is quite different from version 2.2: the virtual memory system is entirely new, support for multiprocessor systems is improved, and whole new classes of hardware devices have been added. The authors explore each new feature in detail. Other topics in the book include: Memory management including file buffering, process swapping, and Direct memory Access (DMA) The Virtual Filesystem and the Second Extended Filesystem Process creation and scheduling Signals, interrupts, and the essential interfaces to device drivers Timing Synchronization in the kernel Interprocess Communication (IPC) Program execution *Understanding the Linux Kernel, Second Edition* will acquaint you with all the inner workings of Linux, but is more than just an academic exercise. You'll learn what conditions bring out Linux's best performance, and you'll see how it meets the challenge of providing good system response during process scheduling, file access, and memory management in a wide variety of environments. If knowledge is power, then this book will help you make the most of your Linux system.

*Bash in easy steps* - Mike McGrath 2019-02-12 The "Bourne Again SHell" (Bash) is a powerful command-line shell interface that lets you communicate directly with the kernel at the heart of a computer's operating system for total control. Bash is the default shell for Unix-based operating systems Linux, Mac OS X, and Raspbian on Raspberry Pi devices, and is also available to Windows users on the Windows Subsystem for Linux (WSL) . This book will show you how to use the Bash command-line interface and how to employ Bash's programming abilities. Complete examples illustrate each aspect with colorized source code and full-color screenshots depict the actual output. *Bash in easy steps* begins by demonstrating Bash commands for system navigation and file manipulation so you will quickly become familiar with the command-line interface. It explains all the BASH basics before moving on to describe

advanced features such as command history, command-line editing, and environment customization. The book then introduces Bash programming with examples of flow control, command switches, input/output, and debugging - allowing you to create your own executable programs by copying the examples. Bash in easy steps has an easy-to-follow style that will appeal to:

- Users who are completely new to Unix-based operating systems
- Casual users who wish to expand their knowledge of their computer system
- Those who would like to learn coding skills by writing useful shell scripts
- The student who is studying programming at school or college
- Those seeking a career in computing and need a fundamental understanding of the BASH interpreter on Unix-based operating systems

Table of Contents: Getting Started  
Managing Files  
Handling Text  
Editing Commands  
Customizing Environment  
Controlling Behavior  
Performing Operations  
Directing Flow  
Employing Functions  
Handy Reference

*Java Script In Easy Steps* - Mike McGrath  
2003-12-31

### **UNIX and Linux System Administration Handbook** - Evi Nemeth 2017-09-14

“As an author, editor, and publisher, I never paid much attention to the competition—except in a few cases. This is one of those cases. The UNIX System Administration Handbook is one of the few books we ever measured ourselves against.” —Tim O’Reilly, founder of O’Reilly Media “This edition is for those whose systems live in the cloud or in virtualized data centers; those whose administrative work largely takes the form of automation and configuration source code; those who collaborate closely with developers, network engineers, compliance officers, and all the other worker bees who inhabit the modern hive.” —Paul Vixie, Internet Hall of Fame-recognized innovator and founder of ISC and Farsight Security “This book is fun and functional as a desktop reference. If you use UNIX and Linux systems, you need this book in your short-reach library. It covers a bit of the systems’ history but doesn’t bloviate. It’s just straight-forward information delivered in a colorful and memorable fashion.” —Jason A. Nunnelley UNIX® and Linux® System

Administration Handbook, Fifth Edition, is today’s definitive guide to installing, configuring, and maintaining any UNIX or Linux system, including systems that supply core Internet and cloud infrastructure. Updated for new distributions and cloud environments, this comprehensive guide covers best practices for every facet of system administration, including storage management, network design and administration, security, web hosting, automation, configuration management, performance analysis, virtualization, DNS, security, and the management of IT service organizations. The authors—world-class, hands-on technologists—offer indispensable new coverage of cloud platforms, the DevOps philosophy, continuous deployment, containerization, monitoring, and many other essential topics. Whatever your role in running systems and networks built on UNIX or Linux, this conversational, well-written guide will improve your efficiency and help solve your knottiest problems.

**Beginning Linux? Programming** - Neil Matthew 2004-01-02

Describes the concepts of programming with Linux, covering such topics as shell programming, file structure, managing memory, using MySQL, debugging, processes and signals, and GNOME.

**Office 2007 in easy steps** - Michael Price 2007-11-10

Office 2007 in easy steps concentrates on the most useful and productive elements of Microsoft Office 2007. It majors on the applications included in the Standard edition - Word, Excel, Outlook, PowerPoint and Office Tools, and also addresses other Office applications such as Access and Publisher. It treats the applications from the viewpoint of the tasks you want to perform and the results you want to achieve. The topics covered include word processing, report writing, printing, calculations, financial statements, presentations, photo editing, slide shows, email, time management, database, files and folders, and finding help. It addresses the essential functions that you’ll use to carry out your tasks. These are described in easy to follow steps that focus on the job in hand, without burying you in the details of computer related aspects. Aimed at

both new and experienced users, Office 2007 in easy steps provides an ideal introduction to the

features of Office 2007 with its new Ribbon interface.