

Mastering Computer Typing A Painless Course For Beginners And Professionals

Looking to jumpstart your GPA? Most college students believe that straight A's can be achieved only through cramming and painful all-nighters at the library. But Cal Newport knows that real straight-A students don't study harder—they study smarter. A breakthrough approach to acing academic assignments, from quizzes and exams to essays and papers, *How to Become a Straight-A Student* reveals for the first time the proven study secrets of real straight-A students across the country and weaves them into a simple, practical system that anyone can master. You will learn how to:

- Streamline and maximize your study time
- Conquer procrastination
- Absorb the material quickly and effectively
- Know which reading assignments are critical—and which are not
- Target the paper topics that wow professors
- Provide A+ answers on exams
- Write stellar prose without the agony

A strategic blueprint for success that promises more free time, more fun, and top-tier results, *How to Become a Straight-A Student* is the only study guide written by students for students—with the insider knowledge and real-world methods to help you master the college system and rise to the top of the class.

Provides information on writing a driver in Linux, covering such topics as character devices, network interfaces, driver debugging, concurrency, and interrupts.

Presents instructions on using MySQL, covering such topics as installation, querying, user management, security, and backups and recovery. "Fascinating. Doidge's book is a remarkable and hopeful portrait of the endless adaptability of the human brain."—Oliver Sacks, MD, author of *The Man Who Mistook His Wife for a Hat*

What is neuroplasticity? Is it possible to change your brain? Norman Doidge's inspiring guide to the new brain science explains all of this and more. An astonishing new science called neuroplasticity is overthrowing the centuries-old notion that the human brain is immutable, and proving that it is, in fact, possible to change your brain. Psychoanalyst, Norman Doidge, M.D., traveled the country to meet both the brilliant scientists championing neuroplasticity, its healing powers, and the people whose lives they've transformed—people whose mental limitations, brain damage or brain trauma were seen as unalterable. We see a woman born with half a brain that rewired itself to work as a whole, blind people who learn to see, learning disorders cured, IQs raised, aging brains rejuvenated, stroke patients learning to speak, children with cerebral palsy learning to move with more grace, depression and anxiety disorders successfully treated, and lifelong character traits changed. Using these marvelous stories to probe mysteries of the body, emotion, love, sex, culture, and education, Dr. Doidge has written an immensely moving, inspiring book that will permanently alter the way we look at our brains, human nature, and human potential.

Current, essential IT networking skills--made easy! Thoroughly revised to cover the latest technologies, this practical resource provides you with a solid foundation in networking fundamentals. *Networking: A Beginner's Guide, Sixth Edition* discusses wired and wireless network design, configuration, hardware, protocols, security, backup, recovery, and virtualization. You'll also get step-by-step instructions for installing, configuring, and managing Windows Server 2012, Exchange Server 2013, Oracle Linux, and Apache. This is the perfect book for anyone starting a networking career or in need of an easy-to-follow refresher. Understand network cabling, topologies, hardware, and the OSI seven-layer model. Connect LANs and WANs. Configure network protocols, such as TCP/IP, IPX/SPX, SMTP, DHCP, HTTP, WINS, and more. Explore directory services, such as Microsoft's Active Directory, X.400, and LDAP. Enable and support remote network access. Secure your

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network and handle backup and disaster recovery Select, install, and manage reliable network servers, including Windows Server 2012, Exchange Server 2013, Oracle Linux, and Apache Manage network workstation computers Design a robust network from the ground up Work with virtualization technologies, such as Hyper-V, VMWare, and Oracle VM VirtualBox

Delivers absolutely everything you will ever need to know to become a master Django programmer About This Book Gain a complete understanding of Django—the most popular, Python-based web framework in the world Gain the skills to successfully designing, developing, and deploying your app This book is packaged with fully described code so you can learn the fundamentals and the advanced topics to get a complete understanding of all of Django's core functions Who This Book Is For This book assumes you have a basic understanding of the Internet and programming. Experience with Python or Django would be an advantage, but is not necessary. It is ideal for beginner to intermediate programmers looking for a fast, secure, scalable, and maintainable alternative web development platform to those based on PHP, Java, and dotNET. What You Will Learn Use Django to access user-submitted form data, validate it, and work with it Get to know advanced URLconf tips and tricks Extend Django's template system with custom code Define models and use the database API to create, retrieve, update, and delete records Fully extend and customize the default implementation as per your project's needs Test and deploy your Django application Get to know more about Django's session, cache Framework, and middleware In Detail Mastering Django: Core is a completely revised and updated version of the original Django Book, written by Adrian Holovaty and Jacob Kaplan-Moss - the creators of Django. The main goal of this book is to make you a Django expert. By reading this book, you'll learn the skills needed to develop powerful websites quickly, with code that is clean and easy to maintain. This book is also a programmer's manual that provides complete coverage of the current Long Term Support (LTS) version of Django. For developers creating applications for commercial and business critical deployments, Mastering Django: Core provides a complete, up-to-date resource for Django 1.8LTS with a stable code-base, security fixes and support out to 2018. Style and approach This comprehensive step-by-step practical guide offers a thorough understanding of all the web development concepts related to Django. In addition to explaining the features of Django, this book provides real-world experience on how these features fit together to build extraordinary apps.

Century 21 Keyboarding will give you what your looking for in a one semester course on new key learning, document formatting and word processing. This text is a combination of 50 lessons of key learning/ technique mastery and 25 lessons on word processing/document formatting.

Effective, readable, and robust codes in PHP About This Book Leverage the newest tools available in PHP 7 to build scalable applications Embrace serverless architecture and the reactive programming paradigm, which are the latest additions to the PHP ecosystem Explore dependency injection and implement design patterns to write elegant code Who This Book Is For This book is for intermediate level developers who want to become a master of PHP. Basic knowledge of PHP is required across areas such as basic syntax, types, variables, constants, expressions, operators, control structures, and functions. What You Will Learn Grasp the current state of PHP language and the PHP standards Effectively implement logging and error handling during development Build services through SOAP and REST and Apache Trift Get to know the benefits of serverless architecture Understand the basic principles of reactive programming to write asynchronous code Practically implement several important design patterns Write efficient code by executing dependency injection See the working of all magic methods Handle the command-line area tools and processes Control the development process with proper debugging and profiling In Detail PHP is a server-side scripting language that is widely used for web development. With this book, you will get a deep understanding of the

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advanced programming concepts in PHP and how to apply it practically The book starts by unveiling the new features of PHP 7 and walks you through several important standards set by PHP Framework Interop Group (PHP-FIG). You'll see, in detail, the working of all magic methods, and the importance of effective PHP OOP concepts, which will enable you to write effective PHP code. You will find out how to implement design patterns and resolve dependencies to make your code base more elegant and readable. You will also build web services alongside microservices architecture, interact with databases, and work around third-party packages to enrich applications. This book delves into the details of PHP performance optimization. You will learn about serverless architecture and the reactive programming paradigm that found its way in the PHP ecosystem. The book also explores the best ways of testing your code, debugging, tracing, profiling, and deploying your PHP application. By the end of the book, you will be able to create readable, reliable, and robust applications in PHP to meet modern day requirements in the software industry. Style and approach This is a comprehensive, step-by-step practical guide to developing scalable applications using PHP 7.1

Mastering 3D Printing shows you how to get the most out of your printer, including how to design models, choose materials, work with different printers, and integrate 3D printing with traditional prototyping to make techniques like sand casting more efficient. You've printed key chains. You've printed simple toys. Now you're ready to innovate with your 3D printer to start a business or teach and inspire others. Joan Horvath has been an educator, engineer, author, and startup 3D printing company team member. She shows you all of the technical details you need to know to go beyond simple model printing to make your 3D printer work for you as a prototyping device, a teaching tool, or a business machine.

The #1 New York Times bestseller. Over 3 million copies sold! Tiny Changes, Remarkable Results No matter your goals, Atomic Habits offers a proven framework for improving--every day. James Clear, one of the world's leading experts on habit formation, reveals practical strategies that will teach you exactly how to form good habits, break bad ones, and master the tiny behaviors that lead to remarkable results. If you're having trouble changing your habits, the problem isn't you. The problem is your system. Bad habits repeat themselves again and again not because you don't want to change, but because you have the wrong system for change. You do not rise to the level of your goals. You fall to the level of your systems. Here, you'll get a proven system that can take you to new heights. Clear is known for his ability to distill complex topics into simple behaviors that can be easily applied to daily life and work. Here, he draws on the most proven ideas from biology, psychology, and neuroscience to create an easy-to-understand guide for making good habits inevitable and bad habits impossible. Along the way, readers will be inspired and entertained with true stories from Olympic gold medalists, award-winning artists, business leaders, life-saving physicians, and star comedians who have used the science of small habits to master their craft and vault to the top of their field. Learn how to: • make time for new habits (even when life gets crazy); • overcome a lack of motivation and willpower; • design your environment to make success easier; • get back on track when you fall off course; ...and much more. Atomic Habits will reshape the way you think about progress and success, and give you the tools and strategies you need to transform your habits--whether you are a team looking to win a championship, an organization hoping to redefine an industry, or simply an individual who wishes to quit smoking, lose weight, reduce stress, or achieve any other goal.

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Provides instructions and exercises for learning to use a computer keyboard and numeric keypad, prepare tables, letters, and manuscripts, proofread, and work in DOS, UNIX, and various programming languages

Original textbook (c) October 31, 2011 by Olivier Bonaventure, is licensed under a Creative Commons Attribution (CC BY) license made possible by funding from The Saylor Foundation's Open Textbook Challenge in order to be incorporated into Saylor's collection of open courses available at: <http://www.saylor.org>. Free PDF 282 pages at <https://www.textbookequity.org/bonaventure-computer-networking-principles-protocols-and-practice/>

This open textbook aims to fill the gap between the open-source implementations and the open-source network specifications by providing a detailed but pedagogical description of the key principles that guide the operation of the Internet. 1 Preface 2 Introduction 3 The application Layer 4 The transport layer 5 The network layer 6 The datalink layer and the Local Area Networks 7 Glossary 8 Bibliography Teach Your Students How to Program Well Intermediate C Programming provides a stepping-stone for intermediate-level students to go from writing short programs to writing real programs well. It shows students how to identify and eliminate bugs, write clean code, share code with others, and use standard Linux-based tools, such as ddd and valgrind. The text covers numerous concepts and tools that will help your students write better programs. It enhances their programming skills by explaining programming concepts and comparing common mistakes with correct programs. It also discusses how to use debuggers and the strategies for debugging as well as studies the connection between programming and discrete mathematics.

Introduces regular expressions and how they are used, discussing topics including metacharacters, nomenclature, matching and modifying text, expression processing, benchmarking, optimizations, and loops.

Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows About This Book Harness the capabilities of the PowerShell system to get started quickly with server automation Learn to package commands into a reusable script and add control structures and parameters to make them flexible Get to grips with cmdlets that allow you to perform administration tasks efficiently Who This Book Is For This book is intended for Windows administrators or DevOps users who need to use PowerShell to automate tasks. Whether you know nothing about PowerShell or know just enough to get by, this guide will give you what you need to go to take your scripting to the next level. What You Will Learn Learn to verify your installed version of PowerShell, upgrade it, and start a PowerShell session using the ISE Discover PowerShell commands and cmdlets and understand PowerShell formatting Use the PowerShell help system to understand what particular cmdlets do Utilise the pipeline to perform typical data manipulation Package your code in scripts, functions, and modules Solve common problems using basic file input/output functions Find system information with WMI and CIM Automate IIS functionality and manage it using the WebAdministration module In Detail Windows PowerShell is a task-based command-line shell and scripting language designed specifically for system administration. Built on the .NET Framework, Windows PowerShell helps IT professionals and power users control and automate the administration of the Windows operating system and applications that run on Windows. PowerShell is great for batch importing or deleting large sets of user accounts and will let you collect a massive amount of detailed

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system information in bulk via WMI (Windows Management Instrumentation). Getting Started with PowerShell is designed to help you get up and running with PowerShell, taking you from the basics of installation, to writing scripts and web server automation. This book, as an introduction to the central topics of PowerShell, covers finding and understanding PowerShell commands and packaging code for reusability, right through to a practical example of automating IIS. It also includes topics such as installation and setup, creating scripts, automating tasks, and using Powershell to access data stores, registry, and file systems. You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions. By the end of this book, you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers. Style and approach A practical learning guide, complete with plenty of activities, examples and screenshots.

Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas groupby facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

The authoritative account of the rise of Amazon and its intensely driven founder, Jeff Bezos, praised by the Seattle Times as "the definitive account of how a tech icon came to life." Amazon.com started off delivering books through the mail. But its visionary founder, Jeff Bezos, wasn't content with being a bookseller. He wanted Amazon to become the everything store, offering limitless selection and seductive convenience at disruptively low prices. To do so, he developed a corporate culture of relentless ambition and secrecy that's never been cracked. Until now. Brad Stone enjoyed unprecedented access to current and former Amazon employees and Bezos family members, giving readers the first in-depth, fly-on-the-wall account of life at Amazon. Compared to tech's other elite innovators -- Jobs, Gates, Zuckerberg -- Bezos is a private man. But he stands out for his restless pursuit of new markets, leading Amazon into risky new ventures like the Kindle and cloud computing, and transforming retail in the same way Henry Ford revolutionized manufacturing. The Everything Store is the revealing, definitive biography of the company that placed one of the first and largest bets on the Internet and forever changed the way we shop and read.

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Whether you are a graduate student seeking to publish your first article, a new Ph.D. revising your dissertation for publication, or an experienced author working on a new monograph, textbook, or digital publication, *Handbook for Academic Authors* provides reliable, concise advice about selecting the best publisher for your work, maintaining an optimal relationship with your publisher, submitting manuscripts to book and journal publishers, working with editors, navigating the production process, and helping to market your book. It also offers information about illustrations, indexes, permissions, and contracts and includes a chapter on revising dissertations and one on the financial aspects of publishing. The book covers not only scholarly monographs but also textbooks, anthologies, multiauthor books, and trade books. This fifth edition has been revised and updated to align with new technological and financial realities, taking into account the impact of digital technology and the changes it has made in authorship and publishing.

Expert Advice for Windows XP Power Users Created for Windows power users and anyone who aspires to be one, *Mastering Windows XP Registry* provides focused, practical coverage of Windows' most important--and most challenging--element: the registry. Inside, you'll learn to customize Windows XP, optimize the network, and avoid scores of potential disasters, all by working with registry settings. If you're a power user, a system administrator, programmer, or consultant, this guide is absolutely essential. Coverage includes: * Understanding registry keys and data types * Applying the secrets of the most important registry keys * Adjusting the Windows GUI through registry settings * Using the registry in networking * Optimizing performance by editing registry settings * Working with registry tools * Recovering from disasters * Eliminating unwanted keys, entries, applications, and files * Taking advantage of the registry in your own programs * Tracking registry changes made by applications * Navigating registry entries

A basic typing handbook using the self-teaching, learn-at-your-own-speed methods of one of New York's most successful business schools. This practical guide offers specialized drills, speed and accuracy timings, centering and tabulating, finished business letters, how to make corrections and copies, proofreaders' symbols, as well as trouble-saving tips.

Master a Mac without jargon and complications. Once you go Mac, you never go back. And if you have this book, you'll be more than happy to never go back. In *The Ultimate Mac User Book*, we've made a bold attempt to unveil an ideal Mac setup that works for anyone. Whether you're switching from Windows or want to upgrade your knowledge of macOS, this is for you Here's what you'll learn from the book: - The anatomy of Mac's interface. How to set up your new Mac for years of use. - Basic and advanced shortcuts for all jobs on Mac. - Alternatives to popular Windows apps. - Ready-to-use workflows for writers, designers, developers, students, as well as people of any profession who want to hit new productivity milestones on Mac. - 20 hacks every seasoned Mac user should be using (but only a few actually do) in

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the bonus chapter. Reliable and intuitive, Macs still require a certain level of tech fluency. The family of Apple's Macintosh operating systems is very versatile, with tons of features and enhancements built on top of each other. Navigating through all of them can be complicated. Especially if you're a new user. Especially if you have no time to figure out how things work — you just want them to work. Hope we'll solve the problem for you with this book.

Studying successfully at high school, college or university requires more than discipline, diligence and determination. Students must also come to grips with a crucial range of essential skills if they wish to turn toil into triumph. Study Skills for Successful Students shows you how to improve your learning skills and performance.

The design and analysis of efficient data structures has long been recognized as a key component of the Computer Science curriculum. Goodrich, Tomassia and Goldwasser's approach to this classic topic is based on the object-oriented paradigm as the framework of choice for the design of data structures. For each ADT presented in the text, the authors provide an associated Java interface. Concrete data structures realizing the ADTs are provided as Java classes implementing the interfaces. The Java code implementing fundamental data structures in this book is organized in a single Java package, `net.datastructures`. This package forms a coherent library of data structures and algorithms in Java specifically designed for educational purposes in a way that is complimentary with the Java Collections Framework.

The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements, loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into more advanced programming topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction, encapsulation and polymorphism) and their implementation the C# language. It also covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses C# language and Visual Studio to illustrate the programming concepts and explains some C# / .NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major programming concepts and way of thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies

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and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry. The book is accompanied by free video lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and other resources from <http://introprogramming.info>. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) Author: Svetlin Nakov & Co. Pages: 1132 Language: English Published: Sofia, 2013 Publisher: Faber Publishing, Bulgaria Web site: <http://www.introprogramming.info> License: CC-Attribution-Share-Alike Tags: free, programming, book, computer programming, programming fundamentals, ebook, book programming, C#, CSharp, C# book, tutorial, C# tutorial; programming concepts, programming fundamentals, compiler, Visual Studio, .NET, .NET Framework, data types, variables, expressions, statements, console, conditional statements, control-flow logic, loops, arrays, numeral systems, methods, strings, text processing, StringBuilder, exceptions, exception handling, stack trace, streams, files, text files, linear data structures, list, linked list, stack, queue, tree, balanced tree, graph, depth-first search, DFS, breadth-first search, BFS, dictionaries, hash tables, associative arrays, sets, algorithms, sorting algorithm, searching algorithms, recursion, combinatorial algorithms, algorithm complexity, OOP, object-oriented programming, classes, objects, constructors, fields, properties, static members, abstraction, interfaces, encapsulation, inheritance, virtual methods, polymorphism, cohesion, coupling, enumerations, generics, namespaces, UML, design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving, problem solving methodology, 9789544007737, 9544007733

A self-teaching course designed for beginners and professionals to learn and improve touch typing skills. This book will provide you with tips and tricks to learn or improve the touch-typing skill without using typing software. For quick reference, handcharts are included. The practice lessons cover all the keys i.e. alphabets keys, numbers keys, and punctuation keys. It is the best book to quit hunting and pecking habits.

Do you need to learn to type in a hurry? Or do you just need a refresher course to practice with and tone up your skills? This is the shortest typing course that covers all of the fundamental skills of touch typing. This classic handbook, which has literally taught more than a million people the basics of typing, can teach you too. Touch Typing in 10 Lessons starts by teaching you the basic combinations for fingering the keyboard, and then helps you master the entire alphabet. Once you've learned the alphabet, the book jumps right into capitals, punctuation, and numbers. Learning the keyboard is just the beginning. The book will teach you how to set up professional business letters and tricks to help you get the most out

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of your word processor. There are dozens out of your keystrokes. There are dozens of drills that will help you develop the accuracy and speed you need in school and at the office. Finally, there are practice tests that will help you get over fears concerning typing tests and that will help build up your speed on the keyboard.

Sams Teach Yourself HTML, CSS and JavaScript All in One The all-in-one HTML, CSS and JavaScript beginner's guide: covering the three most important languages for web development. Covers everything beginners need to know about the HTML and CSS standards and today's JavaScript and Ajax libraries - all in one book, for the first time Integrated, well-organized coverage expertly shows how to use all these key technologies together Short, simple lessons teach hands-on skills readers can apply immediately By best-selling author Julie Meloni Mastering HTML, CSS, and JavaScript is vital for any beginning web developer - and the importance of these technologies is growing as web development moves away from proprietary alternatives such as Flash. Sams Teach Yourself HTML, CSS, and JavaScript All in One brings together everything beginners need to build powerful web applications with the HTML and CSS standards and the latest JavaScript and Ajax libraries. With this book, beginners can get all the modern web development knowledge you need from one expert source. Bestselling author Julie Meloni (Sams Teach Yourself PHP, MySQL and Apache All in One) teaches simply and clearly, through brief, hands-on lessons focused on knowledge you can apply immediately. Meloni covers all the building blocks of practical web design and development, integrating new techniques and features into every chapter. Each lesson builds on what's come before, showing you exactly how to use HTML, CSS, and JavaScript together to create great web sites.

Profiles the characteristics of and qualifications needed for fourteen jobs in the writing industry.

Each chapter in the book is an individual project and each project is constructed with step-by-step instructions, clearly explained code, and includes the necessary screenshots. You should have basic OpenCV and C/C++ programming experience before reading this book, as it is aimed at Computer Science graduates, researchers, and computer vision experts widening their expertise.

"With this book you can learn to touch type and 10 hours at a fraction of the cost of the course." Most people use computers today, but how many of us can type? Learning to touch type with this method takes only 10 hours. You will reap the benefits for a lifetime, whether you are using a keyboard at work or at home. The easy-to-use lessons are provided into manageable one-hour blocks and there are plenty of exercises to consolidate what you have learned. And touch-typing is a skill that can make you money as well as saving you time.

Master database creation and management Access 2019 Bible is your, comprehensive reference to the world's most popular database management tool. With clear guidance toward everything from the basics to the advanced, this go-to

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reference helps you take advantage of everything Access 2019 has to offer. Whether you're new to Access or getting started with Access 2019, you'll find everything you need to know to create the database solution perfectly tailored to your needs, with expert guidance every step of the way. The companion website features all examples and databases used in the book, plus trial software and a special offer from Database Creations. Start from the beginning for a complete tutorial, or dip in and grab what you need when you need it. Access enables database novices and programmers to store, organize, view, analyze, and share data, as well as build powerful, integrable, custom database solutions — but databases can be complex, and difficult to navigate. This book helps you harness the power of the database with a solid understanding of their purpose, construction, and application. Understand database objects and design systems objects Build forms, create tables, manipulate datasheets, and add data validation Use Visual Basic automation and XML Data Access Page design Exchange data with other Office applications, including Word, Excel, and more From database fundamentals and terminology to XML and Web services, this book has everything you need to maximize Access 2019 and build the database you need.

Historically, programming hasn't been considered a critical skill for biologists. But now, with access to vast amounts of biological data contained in public databases, programming skills are increasingly in strong demand in biology research and development. Perl, with its highly developed capacities in string handling, text processing, networking, and rapid prototyping, has emerged as the programming language of choice for biological data analysis. Mastering Perl for Bioinformatics covers the core Perl language and many of its module extensions, presenting them in the context of biological data and problems of pressing interest to the biological community. This book, along with Beginning Perl for Bioinformatics, forms a basic course in Perl programming. This second volume finishes the basic Perl tutorial material (references, complex data structures, object-oriented programming, use of modules--all presented in a biological context) and presents some advanced topics of considerable interest in bioinformatics. The range of topics covered in Mastering Perl for Bioinformatics prepares the reader for enduring and emerging developments in critical areas of bioinformatics programming such as: Gene finding String alignment Methods of data storage and retrieval (SML and databases) Modeling of networks (graphs and Petri nets) Graphics (Tk) Parallelization Interfacing with other programming languages Statistics (PDL) Protein structure determination Biological models of computation (DNA Computers) Biologists and computer scientists who have conquered the basics of Perl and are ready to move even further in their mastery of this versatile language will appreciate the author's well-balanced approach to applying Perl's analytical abilities to the field of bioinformatics. Full of practical examples and real-world biological problem solving, this book is a must for any reader wanting to move beyond beginner level Perl in bioinformatics.

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Authoritative, hands-on guidance for Skype Business administrators Mastering Skype for Business 2015 gives administrators the comprehensive coverage they need to effectively utilize Skype for Business. Fully up to date for the 2015 release, this guide walks you through industry best practices for planning, design, configuration, deployment, and management with clear instruction and plenty of hands-on exercises. Case studies illustrate the real-world benefits of Unified Communication, and provide expert experiences working with Skype for Business. From server roles, infrastructure, topology, and security to telephony, cloud deployment, and troubleshooting, this guide provides the answers you need and the insight that will make your job easier. Sample automation scripts help streamline your workflow, and full, detailed coverage helps you exploit every capability Skype for Business has to offer. Skype for Business enables more robust video conferencing, and integrates with Office, Exchange, and SharePoint for better on-premises and cloud operations. Organizations are turning to Skype for Business as a viable PBX replacement, and admins need to be up to speed and ready to go. This book provides the clear, explicit instructions you need to: Design, configure, and manage IM, voice mail, PBX, and VoIP Connect to Exchange and deploy Skype for Business in the cloud Manage UC clients and devices, remote access, federation, and public IM Automate management tasks, and implement cross-team backup-and-restore The 2015 version is the first Skype to take advantage of the Windows 10 'touch first' capabilities to provide fast, natural, hands-on control of communications, and users are eager to run VoIP, HD video conferencing, collaboration, instant messaging, and other UC features on their mobile devices. Mastering Skype for Business 2015 helps you get Skype for Business up and running quickly, with hands-on guidance and expert insight.

* This book useful to who wants to learn keyboard typing without seeing the keyboard * Today computer and internet used by each and every one. but most of them struggle to type characters. They search every characters while typing. It will take more time to finish single page of document. So i plan to teach the typing method in proper manner* If you are follow the lesson and practice in your home or office 30 minutes per day I assure you. definetly you will become a master of keyboard typing. This is my aim who purchase this book they will become a good in typing master in keyboard* If you practiced all the lessons, once again start from lesson1 to end of the lesson You will see your keyboard fingering mistakes are reduced * Practice makes a man perfect. So continuously practice it, to become a master of keys.* I assure you. If you complete the lessons properly then you love the keys while typing

Master the techniques needed to build great, efficient embedded devices on Linux About This Book Discover how to build and configure reliable embedded Linux devices This book has been updated to include Linux 4.9 and Yocto Project 2.2 (Morty) This comprehensive guide covers the remote update of devices in the field and power management Who This Book Is For If you are an engineer who wishes to understand and use Linux in embedded devices, this book is for you. It is also for Linux developers and system programmers who are familiar with embedded systems and want to learn and program the best in class devices. It is appropriate for students studying embedded techniques, for developers implementing embedded Linux devices, and engineers supporting existing Linux devices. What You Will Learn Evaluate the Board Support Packages offered by most manufacturers of a system on chip or embedded module Use Buildroot and the Yocto Project to create embedded Linux systems quickly and efficiently Update IoT devices in the field without compromising security Reduce the power budget of devices to make batteries last longer Interact with the hardware without having to write kernel device drivers Debug devices remotely using GDB, and see how to measure the performance of the systems using powerful tools such as `perf`, `ftrace`, and `valgrind` Find out how to configure Linux as a real-time operating system In Detail Embedded Linux runs many of the devices we use every day, from smart TVs to WiFi routers, test equipment to industrial controllers - all of them have Linux at their heart. Linux is a core technology in the

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implementation of the inter-connected world of the Internet of Things. The comprehensive guide shows you the technologies and techniques required to build Linux into embedded systems. You will begin by learning about the fundamental elements that underpin all embedded Linux projects: the toolchain, the bootloader, the kernel, and the root filesystem. You'll see how to create each of these elements from scratch, and how to automate the process using Buildroot and the Yocto Project. Moving on, you'll find out how to implement an effective storage strategy for flash memory chips, and how to install updates to the device remotely once it is deployed. You'll also get to know the key aspects of writing code for embedded Linux, such as how to access hardware from applications, the implications of writing multi-threaded code, and techniques to manage memory in an efficient way. The final chapters show you how to debug your code, both in applications and in the Linux kernel, and how to profile the system so that you can look out for performance bottlenecks. By the end of the book, you will have a complete overview of the steps required to create a successful embedded Linux system. Style and approach This book is an easy-to-follow and pragmatic guide with in-depth analysis of the implementation of embedded devices. It follows the life cycle of a project from inception through to completion, at each stage giving both the theory that underlies the topic and practical step-by-step walkthroughs of an example implementation.

Accuracy and speed are now easier digital keyboarding skills to develop or enhance with these new features:1. Little Known Typing Tips That Work 2. Do You Know Typing Education Moments 3. Touch Typing Progress Diary Pages4. Paper Practice Keyboards and Online Typing5. Shorter Duration Lessons with Self-checks6. Larger Easier to Read Print7. Speed and Accuracy Printable Certificate8. Typing Book Slogan-Typing ABCs Any Body Can learn to type fast and accurate with both hands and all 10 fingers.

CENTURY 21 COMPUTER KEYBOARDING provides everything you need for in a one-semester course covering new-key learning, document formatting, and word processing. This latest edition helps students prepare for a lifetime of keyboarding success with innovative solutions updated to reflect today's business challenges. Trust the leader who has taught more than 85 million people to type--bringing 100 years of publishing experience and a century of innovations together in a complete line of keyboarding solutions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Summary CSS in Depth exposes you to a world of CSS techniques that range from clever to mind-blowing. This instantly useful book is packed with creative examples and powerful best practices that will sharpen your technical skills and inspire your sense of design. Foreword by Chris Coyier, Cofounder of CodePen. Dig even deeper into the secrets of CSS with our video course CSS in Depth in Motion, available exclusively at Manning.com (www.manning.com/livevideo/css-in-depth-?in-motion)! Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Some websites really pop. They look great, they're visually consistent, and they feel interactive and responsive. You can bet their developers knew CSS in depth. CSS specifies everything from the structural layout of page elements to their individual look and feel. True masters know the patterns of CSS development, the techniques to implement them, and the subtle touches that result in beautiful typography, fluid transitions, and balanced graphics. Join them! About the Book CSS in Depth exposes you to a world of CSS techniques that range from clever to mind-blowing. This instantly useful book is packed with creative examples and powerful best practices that will sharpen your technical skills and inspire your sense of design. You'll gain new insights into familiar features like floats and units, and experiment with emerging ideas like responsive design and pattern libraries. Bottom line: this book will make you a better web designer and your apps will look fantastic! What's Inside Avoid common CSS pitfalls Master misunderstood concepts Use flexbox and grid layout Responsive designs for any device Code for reuse and maintainability About the Reader

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Written for web developers who know the basics of CSS and HTML. About the Author Keith J. Grant is a senior web developer who builds and maintains web applications and websites, including The New York Stock Exchange site. Table of Contents PART 1 - REVIEWING THE FUNDAMENTALS Cascade, specificity, and inheritance Working with relative units Mastering the box model PART 2 - MASTERING LAYOUT Making sense of floats Flexbox Grid layout Positioning and stacking contexts Responsive design PART 3 - CSS AT SCALE Modular CSS Pattern libraries PART 4 - ADVANCED TOPICS Backgrounds, shadows, and blend modes Contrast, color, and spacing Typography Transitions Transforms Animations

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