

Linux 2nd Edition Beginners Crash Course Linux For Beginners Guide To Linux Command Line Linux System Linux Commands Computer Science Linux Programming Linux Operating System Book 1

A fast-paced, thorough introduction to modern C++ written for experienced programmers. After reading C++ Crash Course, you'll be proficient in the core language concepts, the C++ Standard Library, and the Boost Libraries. C++ is one of the most widely used languages for real-world software. In the hands of a knowledgeable programmer, C++ can produce small, efficient, and readable code that any programmer would be proud of. Designed for intermediate to advanced programmers, the most modern revision of the ISO standard. Part 1 covers the core of the C++ language, where you'll learn about everything from types and functions, to the object life cycle and expressions. Part 2 introduces you to the C++ Standard Library and Boost Libraries, where you'll learn about all of the high-quality, fully-featured facilities available to you. You'll cover special utility classes, data structures, and algorithms, and learn how to manipulate file systems and build high-performance C++, including:
• Fundamental types, reference types, and user-defined types
• The object lifecycle including storage duration, memory management, exceptions, call stacks, and the RAII paradigm
• Compile-time polymorphism with templates and run-time polymorphism with virtual classes
• Advanced expressions, statements, and functions
• Smart pointers, data structures, dates and times, numerics, and probability/statistics facilities
• Containers, iterators, strings, and algorithms
• Code samples and nearly 100 exercises, C++ Crash Course is sure to help you build a strong C++ foundation.

Are you unhappy married and are contemplating leaving your partner? Or maybe you're not necessarily unhappy married but would like to enrich your marriage? Perhaps you are engaged and want to be fully equipped for married life? Then this book is for you. Crash Course in Marriage offers powerful insight into the anatomy of a successful marriage. The book is a no holds barred self-help guide inspired by the author's unusual experience of marrying, divorcing and deciding to re-presents a masterpiece on how modern day couples can build solid marriages anchored in Christian values.

If you want to learn how to use Linux, but don't know where to start read on. Knowing where to start when learning a new skill can be a challenge, especially when the topic seems so vast. There can be so much information available that you can't even decide where to start. Or worse, you start down the path of learning and quickly discover too many concepts, commands, and nuances that aren't explained. This kind of experience is frustrating and leaves you with more questions than answers. Knowledge of Linux. You need no prior knowledge to benefit from this book. You will be guided step by step using a logical and systematic approach. As new concepts, commands, or jargon are encountered they are explained in plain language, making it easy for anyone to understand. Here is what you will learn by reading Linux for Beginners: How to get access to a Linux server if you don't already. What a Linux distribution is and which one to choose. What software is needed to use it, including creating and using SSH keys. The file system layout of Linux systems and where to find programs, configurations, and documentation. The basic Linux commands you'll use most often. Creating, renaming, moving, and deleting directories. Listing, reading, creating, editing, copying, and deleting files. Exactly how permissions work and how to decipher the most cryptic Linux permissions with ease. How to use the nano, vi, and emacs editors. Two methods to search for useful, and how to use them. How to compress files to save space and make transferring data easy. How and why to redirect input and output from applications. How to customize your shell prompt. How to be efficient at the command line by using aliases, tab completion, and your shell history. How to schedule and automate jobs using cron. How to switch users and run processes as others. Where to go for even more in-depth coverage on each topic. What you learn in "Linux for Beginners"

Fedora, OpenSUSE, Slackware, and more. Scroll up, click the Buy Now With 1 Click button and get started learning Linux today! During the last couple of decades, we've witnessed a significant growth in the number of programming languages-from the core dominant languages such as C, Fortran, COBOL in the 1960's and the 1970's to object-oriented C++, JavaScript, Java and Golang that we have today. In all these evolutions, Python programming language has stood out from the rest. It's no secret that Python has continued to grow at a fast-paced rate, thanks to its open source nature. Besides, its ability to program in a programming language-allows programmers to develop more complex software within a much shorter time compared to other programming languages. So, why should you learn Python programming language? Truth be told-Python programming language is an excellent, easy-to-learn and super-powerful programming language that has ever been developed. As a matter of fact, the language has been used to power some of the most renowned websites applications such as the Google, Amazon, Facebook, and Twitter. Python can be a great asset to land your dream job! Also, you'll boost your career with new programming skills. "An Ultimate Beginner's Guide to Python Programming" provides all the vital programming concepts and skills that you need to create your own software. eBook will walk you through comprehensive step-by-step guidelines that are necessary to make you an efficient Python programmer. Contents: 1. Getting Started with Python 2. Variables and Types 3. Types and Collections 4. Loops and Control Flow 5. Functions and Modules 6. Object-Oriented Programming 7. Error Handling and Debugging 8. File and Directory Operations 9. Networking and System Administration 10. Advanced Topics and Best Practices 11. Summary and Further Resources. Buy Now With 1-Click or Buy Now to get started!

Linux: The Textbook, Second Edition provides comprehensive coverage of the contemporary use of the Linux operating system for every level of student or practitioner, from beginners to advanced users. The text clearly illustrates system-specific commands and features using Debian-family Debian, Ubuntu, and Linux Mint, and RHEL-family CentOS, and stresses universal commands and features that are critical to all Linux distributions. The second edition of the book includes extensive updates and new chapters on system administration for desktop, stand-alone PCs, and server-class computers; API for system programming, including thread programming with pthreads; virtualization methodologies; and an extensive tutorial on systemd service management. Brand new online content on the CRC Press website includes an instructor's workbook, test bank, and In-Chapter exercise solutions, as well as full downloadable chapters on Python Version 3.5 programming, ZFS, TC shell programming, advanced system programming, and more. An author-hosted GitHub website also features updates, further references, and errata. Features New or updated coverage of file system, sorting, regular expressions, directory and file searching, file compression and encryption, shell scripting, system programming, client-server-based network programming, thread programming with pthreads, and system administration Extensive in-text pedagogy, including chapter objectives, student projects, and basic and advanced student exercises for every chapter Expansive electronic downloads offer advanced content on Python, ZFS, TC shell scripting, advanced system programming, internetworking with Linux TCP/IP, and many more topics, all featured on the CRC Press website Downloadable test bank, work book, and solutions available for instructors on the CRC Press website Author-maintained GitHub repository provides other resources, such as live links to further references, updates, and errata

On the heels of her mother's death, Hope Logan reluctantly returned to her grandparents' home place in search of a journal that revealed explosive crimes and atrocities of the past that had haunted her grandma for nearly sixty-five years. Bitterness, unforgiveness, and anger consumed her as she set out to solve the mystery that surrounded her grandma's life. The dark evil secret that was contained in the journal only deepened her resentment of God. Because of her quest, she came in contact with many strong believers, especially a handsome young pastor and three senior citizens. In that small town in the foothills of the mountains of North Carolina, Hope's bitterness, unforgiveness, and anger slowly began to fade in the light of the strong faith of the young pastor and three senior citizens. She discovered the true meaning of faith and hope in Christ in the midst of adversity. Carolyn Digh Griffin, a native North Carolinian, resides in Waxhaw, North Carolina, with her husband, Hoyle. She is retired from Union County Public Schools where she was an Administrative Assistant to the Assistant Superintendent. She has two daughters and four grandchildren who also reside in the Old North State.

A guide to TeLiTK programming covers such topics as strings, working with lists, creating arrays, writing Tcl procedures, accessing files and directories, button widgets, and frames. Are you looking for a complete guide which enables you to use Linux and manage shell Linux like a pro? Are you struggling to navigate among all the Linux distributions out there and finding hard to define the best one for your needs? Do you want to evaluate your learning level step by step? Linux is without doubt the most powerful operating system in the world. Yes, you may think Windows and macOS are powerful operating systems owing to the fact that they control much of the PC market but I have some stats that will change your perspective: As of 2019 100% of the world's supercomputers run on Linux 23 of the top 25 websites in the world run on Linux 98.3% of the world's top 1 million servers run on Linux 90% of the world's cloud infrastructure operates on Linux All the best cloud hosts run on Linux I believe you now appreciate just how Linux is not really given as much credit for running the world behind the scenes and have even greater motivation to learn it. The book discusses the ins and outs of Linux in a beginner friendly style to make your learning process frustration free, as the book does not assume you know anything about Linux. More precisely, this book will teach you: The basics, including what an operating system is, what Linux is, how it has evolved over the years, how Linux works, the architecture of Linux, files hierarchy in Linux as well as the system architecture in Linux Benefits of using Linux as an operating system Linux distributions, including how to choose a distribution from the different distributions available, depending on your unique needs How to use Linux text editors How to install Linux on Virtual Machines on Windows 10 How to install Linux on Virtual Machines on macOS The concept of shells in Linux, including what is a shell, how to gain access to the shell, the different types of shell, shell scripting along with basic command line editing How to unleash the full power of different commands in Linux to maximize your user experience How to set up access levels and assign users different privileges in Linux, including the different types of users in Linux and more How to make the most use of Linux for network administration Some great Linux alternatives to some of the popular Windows applications And much more Even if you've never used Linux before but want to learn it, to add to to your skillset and possibly start applying it for networking, programming or even just simple web browsing, you will find this book helpful. Lucky for you, the book takes an easy to follow, beginner friendly approach to introduce you everything, beginner or advanced, to ensure you start applying what you learn right away. PS: To help you learn even faster, there is a quiz at the end of every chapter along with answers shortly after to help you test your understanding of the concepts you will have learned in that chapter. If you want to learn Linux but don't know where to start... Click Buy Now With 1-Click or Buy Now to get started! A Hands-On Introduction to Programming Linux for Beginner's Guide to Linux Command Line, Linux System & Linux Commands The Royal Rogue Step by Step Guide to Mastering Android App Programming

First Steps in ABAP

It Doesn't Matter Which Road You Take

Python Crash Course, 2nd Edition**A Hands-On, Project-Based Introduction to Programming****No Starch Press**

An approachable, hands-on guide to understanding how computers work, from low-level circuits to high-level code. How Computers Really Work is a hands-on guide to the computing ecosystem: everything from circuits to memory and clock signals, machine code, programming languages, operating systems, and the Internet. But you won't just read about these concepts, you'll test your knowledge with exercises, and practice what you learn with 41 optional hands-on projects. Build digital circuits, craft a guessing game, convert decimal numbers to binary, examine virtual memory usage, run your own web server, and more. Explore concepts like how to:

- Think like a software engineer as you use data to describe a real world concept
- Use Ohm's and Kirchoff's laws to analyze an electrical circuit
- Think like a computer as you practice binary addition and execute a program in your mind, step-by-step
- The book's projects will show you translate your learning into action, as you:
 - Learn how to use a multimeter to measure resistance, current, and voltage
 - Build a half adder to see how logical operations in hardware can be combined to perform useful functions
 - Write a program in assembly language, then examine the resulting machine code
 - Learn to use a debugger, disassemble code, and hack a program to change its behavior without changing the source code
 - Use a port scanner to see which internet ports your computer has open
 - Run your own server and get a solid crash course on how the web works
 - And since a picture is worth a thousand bytes, chapters are filled with detailed diagrams and illustrations to help clarify technical complexities.

Requirements: The projects require a variety of hardware - electronics projects need a breadboard, power supply, and various circuit components; software projects are performed on a Raspberry Pi. Appendix B contains a complete list. Even if you skip the projects, the book's major concepts are clearly presented in the main text.

Becoming a Linux Superstar! What if you could learn about Linux in a simple, easy to follow format? Can you imagine the doors that will be open to you once you gain that knowledge? Tracing its roots back to the mid 90's, Linux came to life and has become existent in almost every gadget you see around your home. Linux has unique technical aspects, which makes it distinct from other operating systems out there. To take advantage of its specialities, one must know how to operate it, and this book is made just for that purpose! In fact, all Quick Start Guide books are aimed to get you the knowledge you need in an easy to learn and easy to apply method. Our philosophy is we work hard so you don't have to! Linux Beginner's Crash Course is your user manual to understanding how it works, and how you can perfectly manipulate the command line with ease and confidence. So...**Why Be Interested in Linux? -Cost:** It's free and readily available **-Freedom:** Take full control of your desktop and kernel **-Flexibility:** Strong structural components that allows you to customize your computer however you want it. **What Will You Learn in this Book?** 1. Linux Overview 2. Components of Linux 3. The Linux Kernel 4. Linux Processes 5. Linux File Systems 6. Linux Processes 7. Linux Processes This tutorial is going to help you master the use of LINUX and make you even more computer literate. Everything takes time and learning, and with this book, you are one step away to becoming a pro! Read this book now to quickly learn Linux and open yourself up to a whole new world of possibilities! [Pick up your copy today. See you on the inside so we can get to work!

Snowboarding Is For Everyone aims to educate and demonstrate how accessible and enjoyable snowboarding really is to all. Uncover essential tips and practical guidance on: Choosing the correct snowboarding gear Rider safety Anatomy of a snowboard Selecting a snowboard for kids Women and snowboarding Physical fitness and exercise for men, women and children Step by step snowboarding lessons for beginners Gaining confidence on the slopes Skill improvement snowboarding jargon and slang And more! Build confidence on the slopes with step by step instructions Beginners will learn the basics with 9 easy to follow lessons which include snowboarding stance, mounting your snowboard, turning and how to traverse. Are you planning a snowboarding holiday with your family? Prepare for your trip with suitable information that is catered for anyone taking up the wonderful activity of snowboarding. Guidance on fitness for kids to board styles for women and men are provided. The sport of snowboarding is a fantastic activity and the author makes snowboarding accessible to men, women and children a like, whether you are a total beginner or keen to sharpen up your technique. Learn the skills that you need to become competent and be aware of the information you need to stay safe on the slopes.

A European Travel Story

The Mysterious Bakery on Rue de Paris

Getting Started with Networking, Scripting, and Security in Kali

By Way of Accident

Solitary

Drawing Books for Beginners

Book2 English - Chinese for Beginners

A tale of forbidden romance, adventure, and unprecedented betrayal awaits you in The Royal Rogue. Let your heart pound to the rhythm of clashing swords and thundering hooves in this adrenaline fueled adventure. Set within the fabled city of Nevaharday, the story begins with Jaycent Connor, a reluctant prince who refuses to assume his father's title after a mysterious illness took his parents lives. The lords of the land couldn't sway the prince to ascend the throne and assume his rightful place as ruler. The harder they tried, the farther the prince seemed to drift into a realm of apathy and solitude. Then the nightmares began. Terrible, brutal dreams that crossed the threshold into reality as the prince found himself waking up to the wounds he had sustained in his sleep. Rest became impossible as the life of Nevaharday's only heir teetered in the balance. Healers were baffled, their remedies useless. So Prince Connor took matters into his own hands. He, charging the help of an outlawed band of horse folk known as "the gypsies." Particularly, a green eyed beauty named Leve Tensley. Together they unraveled the truth. The prince was never ill. Neither were his parents. It all led back the magic and lies of an illusionist bent on seizing his kingdom and extinguishing the Connor line. However, the more they uncover, the more they wonder: can they stop him? Or are their efforts too little, too late? Whether you're a fantasy connoisseur, horse lover, or casual reader, Carlton's debut novel will have you enchanted from the first paragraph to the last page. Her race of "horse folk" are original, charming, and so believable, they will pull you right into the story. After college, Vincent Yanez with his friend Chris decide to meander across Europe in search of the meaning of life, the perfect gelato and a nice place to lay their heads. During their adventures, the lads find themselves locked in a Scottish dungeon, being serenade by Placido Domingo and have their passports taken by the Czech authorities as they are caught in an attempt to sneak into Prague. They discover that Vincent Van Gogh is not only alive, but managing a small hotel in Holland, accidentally wander into the middle of a Nazi-rally, and little by little discover that remarkable things await around every corner, down every avenue. They learn that when you open to the possibility of adventure, it doesn't matter which road you take.

This practical, tutorial-style book uses the Kali Linux distribution to teach Linux basics with a focus on how hackers would use them. Topics include Linux command line basics, filesystems, networking, Bash basics, package management, logging, and the Linux kernel and drivers. If you're getting started along the exciting path of hacking, cybersecurity, and pentesting, Linux Basics for Hackers is an excellent first step. Using Kali Linux, an advanced penetration testing distribution of Linux, you'll learn the basics of using the Linux operating system and acquire the tools and techniques you'll need to take control of a Linux environment. First, you'll learn how to install Kali on a virtual machine and get an introduction to basic Linux concepts. Next, you'll tackle broader Linux topics like manipulating text, controlling file and directory permissions, and managing user environment variables. You'll then focus on on foundational hacking concepts like security and anonymity and learn scripting skills with bash and Python. Practical tutorials and exercises throughout will reinforce and test your skills as you learn how to:

- Cover your tracks by changing your network information and manipulating the rsyslog logging utility
- Write a tool to scan for network connections, and connect and listen to wireless networks
- Keep your internet activity stealthy using Tor, proxy servers, VPNs, and encrypted email
- Write a bash script to scan open ports for potential targets
- Use and abuse services like MySQL, Apache web server, and OpenSSH
- Build your own hacking tools, such as a remote video spy camera and a password cracker

Hacking is complex, and there is no single way in. Why not start at the beginning with Linux Basics for Hackers?

Now with a virtual machine showcasing the book's test system configuration. Linux Administration: A Beginner's Guide, Seventh Edition teaches system administrators how to set-up and configure Linux quickly and easily. Effectively set up and manage any version of Linux on individual servers or entire networks using this practical resource. Fully updated to cover the latest tools and techniques, Linux Administration: A Beginner's Guide, Seventh Edition features clear explanations, step-by-step instructions, and real-world examples. Find out how to configure hardware and software, work from the GUI or command line, maintain Internet and network services, and secure your data. Performance tuning, virtualization, containers, software management, and backup solutions are covered in detail.

- Install and configure Linux, including the latest distributions from Fedora, Ubuntu, CentOS, openSUSE, Debian, and RHEL
- Manage users, permissions, files, folders, and applications
- Set up and administer system services and daemons
- Manage software from source code or binary packages
- Customise, build, or patch the Linux kernel
- Work with physical and virtual file systems, such as proc, SysFS, and cgroup
- Understand networking protocols, including TCP/IP, ARP, IPv4, and IPv6
- Build reliable firewalls and routers with Netfilter (iptables and nftables) and Linux
- Monitor and test network activity and minimize security threats
- Create and maintain DNS, FTP, web, e-mail, print, LDAP, and VoIP servers
- Share resources using GlusterFS, NFS, and Samba
- Implement popular cloud-based technologies using Linux virtualization and containers using KVM and Docker

Android Crash Course

Blockchain for Beginners

A Complete Guide; Beginner Lessons, Safety, Clothing, Board Choices and Much More.

How Computers Really Work

Hope Returns

Small Ball

The Linux Command Line, 2nd Edition

This book shows you how to build your own Linux Web server with Ubuntu Linux and host your own website at home for free without having to pay a web hosting company like GoDaddy or Web.com. Whether you are ten years old or 80, even if you have never worked with Linux before and you are not that good with computers, you can setup a Linux Web Server by following the simple, easy-to-follow steps in this book. Setup an Ubuntu Linux Server from scratch. Create your own domain name. Make a simple web page. Get your server to be seen by the Internet. Use FTP to edit your web pages. Process HTML form submissions. Program a MySQL database to store a guest book. Use PHP to integrate your web page with MySQL. Add a visitor counter to your web page. Setup Free Dynamic DNS Forwarding Backup your MySQL Databases Use Linux, MySQL and PHP security features. Accept payment with PayPal buttons. Linux For Beginners! Updated April 2016 The Ultimate Beginners Crash Course To Learning & Mastering Linux Are You Ready To Learn How To Use, Master & Configure Linux? If So You've Come To The Right Place - Regardless Of How Little Experience You May Have! There's a ton of other technical guides out there that aren't clear and concise, and in my opinion use far too much jargon. My job is to teach you in simple, easy to follow terms how to get started and excel at Linux! Here's A Preview Of What Linux For Beginners Contains... An Introduction to Linux Installing Linux - Exactly What You Need To Know Server Vs. Desktop Editions - Variations Of Linux Explained Tasks & Commands You Need To Know To Master Linux To Effortlessly Navigate Through Your Linux Operating System File Editing - How To Use Vim Advanced Navigation & Linux Controls And Much, Much More! Order Your Copy Now And Let's Get Started!

This is the magical tale of Edith Lane, who sets off to find her fortune in the beautiful city of Paris. Fortune, however, is a fickle thing and Edith ends up working in a vintage bakery in the positively antiques town of Compiegne. Escaping heartache and singledom in Ireland, Edith discovers that the bakery on Rue De Paris is not exactly what it seems and that some ghosts from the past are harder to escape than others. A heart-warming story that is sure to appeal to all of the senses, The Mysterious Bakery On Rue De Paris is a mouth-watering journey of love, liberty and la vie en rose.

The Linux Command Line Beginner's Guide gives users new to Linux an introduction to the command line environment. In the Guide, you'll learn how to:

- Copy, move, and delete files and directories
- Create, delete, and manage users
- Create, delete, and manage groups
- Use virtual terminals
- Use the bash shell
- Safely use the root account with su and sudo
- Change permissions and ownership of files and directories
- Create and edit text files from the command line, without using a graphical editor
- Diagnose network connectivity problems
- And many other topics

ABOUT THE AUTHOR Standing over six feet tall, Jonathan Mueller has the piercing blue eyes of a Conan of Cimmeria, the bronze-colored hair a Visigothic warrior-king, and the stern visage of a captain of men, none of which are useful in his career as a computer repairman, alas. He has written the "Demonsouled" trilogy of sword-and-sorcery novels, and continues to write the "Ghosts" sequence about assassin and spy Caina Amalás, the "Computer Beginner's Guide" series of computer books, and numerous other works.

What Every Superuser Should Know

Linux

The Complete Step by Step Guide to Understanding Blockchain Technology

LINUX Beginner's Crash Course

A Hands-On, Project-Based Introduction to Programming

The Beginner's Latin Book

An Ultimate Beginner's Guide to Python Programming

Administer Any Linux Distribution with Ease Fully updated for the most current Linux distributions, **Linux Administration: A Beginner's Guide, Fifth Edition**, shows you how to set up, maintain, and troubleshoot Linux on a single server or an entire network. Get full details on granting user rights and permissions, configuring software and hardware, providing Internet and intranet services, and customizing Linux kernel 2.6. You'll also learn how to get your network services IPv6 ready, implement sound security, create foolproof system backups, and use the latest virtualization technologies. Real-world, hands-on examples are included throughout. Install and configure popular Linux distributions, including Fedora 9, Red Hat Enterprise Linux, OpenSUSE, and Ubuntu Manage users, permissions, files, folders, and applications Administer Linux servers from the GUI or from the command line (shell) Understand and manage file systems in Linux Compile, tune, and customize Linux kernel 2.6 Build robust firewalls and routers using netfilter and Linux Manage the Linux TCP/IP networking stack and services for both IPv4 and IPv6 Build and deploy Web, e-mail, and FTP servers Use NIS, NFS, LDAP, and Samba for resource sharing and identity management Set up and administer print, DNS, POP3, IMAP3, and DHCP servers Implement Linux virtualization technologies, including the native KVM platform

**Python Crash Course is a fast-paced, thorough introduction to Python that will have you writing programs, solving problems, and making things that work in no time. In the first half of the book, you'll learn about basic programming concepts, such as lists, dictionaries, classes, and loops, and practice writing clean and readable code with exercises for each topic. You'll also learn how to make your programs interactive and how to test your code safely before adding it to a project. In the second half of the book, you'll put your new knowledge into practice with three substantial projects: a Space Invaders–inspired arcade game, data visualizations with Python's super-handly libraries, and a simple web app you can deploy online. As you work through Python Crash Course you'll learn how to:

- Use powerful Python libraries and tools, including matplotlib, NumPy, and Pygal
- Make 2D games that respond to keypresses and mouse clicks, and that grow more difficult as the game progresses
- Work with data to generate interactive visualizations
- Create and customize Web apps and deploy them safely online
- Deal with mistakes and errors so you can solve your own programming problems

If you've been thinking seriously about digging into programming, Python Crash Course will get you up to speed and have you writing real programs fast. Why wait any longer? Start your engines and code! Uses Python 2 and 3 book2 is available in many languages - is ideal for beginners - has 100 short and easy chapters - corresponds to the European levels A1 and A2 - requires no prior knowledge of grammar - covers the basic vocabulary - uses simple structures to help you learn a language - helps you to speak complete sentences immediately - applies the latest memory research All downloads can be accessed at www.book2.de The audio files are available free of charge at www.book2.de**

The book is written in beginner's guide style with each aspect of NumPy demonstrated with real world examples and required screenshots.If you are a programmer, scientist, or engineer who has basic Python knowledge and would like to be able to do numerical computations with Python, this book is for you. No prior knowledge of NumPy is required.

Linux Administration: A Beginner's Guide, Fifth Edition

Python Crash Course, 2nd Edition

The Ultimate Guide to the Linux Operating System and Linux

Linux for Beginners

Beginner's Crash Course to Google Drive

The Textbook, Second Edition

Snowboarding Is for Everyone

Unlike some operating systems, Linux doesn't try to hide the important bits from you—it gives you full control of your computer. But to truly master Linux, you need to understand its internals, like how the system boots, how networking works, and what the kernel actually does. In this completely revised second edition of the perennial best seller *How Linux Works*, author Brian Ward makes the concepts behind Linux internals accessible to anyone curious about the inner workings of the operating system. Inside, you'll find the kind of knowledge that normally comes from years of experience doing things the hard way. You'll learn:

- How Linux boots, from boot loaders to init implementations (systemd, Upstart, and System V)
- How the kernel manages devices, device drivers, and processes
- How networking, interfaces, firewalls, and servers work
- How development tools work and relate to shared libraries
- How to write effective shell scripts

You'll also explore the kernel and examine key system tasks inside user space, including system calls, input and output, and filesystems. With its combination of background, theory, real-world examples, and patient explanations, *How Linux Works* will teach you what you need to know to solve pesky problems and take control of your operating system.

It is astonishing to think that many great archaeological discoveries occurred in Egypt only by way of accident during the 19th and 20th centuries. Even today accidents still play a vital, frequent and sometimes comical role, with new discoveries happening almost weekly and with many more secrets of the ancient Egyptian civilization still remaining. This book takes readers beyond these discoveries and their associated accidents. This book cannot be considered purely as an Egyptological and archaeological reading or even as dry history pages covering Egypt's modern era of the 19th and 20th centuries. Rather, it is a book that sheds light on the intimate links between the birth of Egyptology after the deciphering of the famous Rosetta Stone and the raging world politics and regional power shifts in Egypt and its surroundings. The book ties together the political storms of colonialism in the first half of the 19th century and the unsettling effect these upheavals had on Egypt during the reign of Mohamed Ali Pasha. In a storytelling style, the book is a journey through time and place. The book takes readers on a guided tour to most of Egypt's well-known monuments that were mainly discovered by simple accident or in which an accident played a major part leading to discovery. In addition, the book leads readers through time exploring ancient Egypt, the days of the pharaohs, ancient gods, rituals and public ceremonial festivals, with old and new stories that shed light on the true value of such discoveries in antiquity and modern day.

Google Drive Beginner's Crash Course To Google Drive Welcome to Google Drive. Reader and the rest of the Google Apps stable provides users with the ability to create and share nearly any document, presentation and even video, either by yourself or with collaborators from around the world. Best of all, for most users, there is no cost associated with this amazing suite of software. All you need is a Google account. This guide will walk you through the different apps and their features so that you go into it informed of what the programs can do instead of having to go into it blind and spend your valuable time trying to find the features you are looking for.

This book will teach you how to draw ships and boats in a fun and unique way step by step.

Practical Programming for Total Beginners

An Introduction to the Linux Operating System and Command Line

A Fast-Paced Introduction

NumPy Beginner's Guide (Second Edition)

Data Analytics for Beginners

The True Stories Behind the Discovery of Egypt's Greatest Monuments

Crash Course in Marriage

Java is the world's most popular programming language, but it's known for having a steep learning curve. Learn Java the Easy Way takes the chore out of learning Java with hands-on projects that will get you building real, functioning apps right away. You'll start by familiarizing yourself with JShell, Java's interactive command line shell that allows programmers to run single lines of code and get immediate feedback. Then, you'll create a guessing game, a secret message encoder, and a multitouch bubble-drawing app for both desktop and mobile devices using Eclipse, an industry-standard IDE, and Android Studio, the development environment for making Android apps. As you build these apps, you'll learn how to:

- Perform calculations, manipulate text strings, and generate random colors
- Use conditions, loops, and methods to make your programs responsive and concise
- Create functions to reuse code and save time
- Build graphical user interface (GUI) elements, including buttons, menus, pop-ups, and sliders
- Take advantage of Eclipse and Android Studio features to debug your code and find, fix, and prevent common mistakes

If you've been thinking about learning Java, Learn Java the Easy Way will bring you up to speed in no time.

Android Crash Course: Step By Step Guide to Mastering Android App Programming!Want to learn Android Programming? Need to learn it?Want to develop an app quick and easy?How about starting an app from scratch? Learn the step by step of building an app through programming!PG Wizards gives you a walk through from building android apps to running them to finally testing them!And don't worry PG Wizards walks you through publishing the App as well!You will get all your basic information as well for all new programmers!Such as Operating systems & SDK and beyond!Whether your just starting out or looking to reinforce your current skills? Perfect either way everything & anything you could think about will be in this book!The most economical buys that will get you all you need to know to learn Android programming quickly and efficiently!Purchase now and don't wait as Android Crash Course

The only guide you need to understand mechanics behind blockchain technology Today only, get this Amazon bestseller for just \$15.38. Regularly priced at \$17.38!What the book can offer...This book will help you better understand blockchain, a new computer technology that is changing everything from how financial transactions are made to financial systems themselves. Unlike many other new technologies that emerge on the market, blockchain does not build on pre-existing technology. It actually created an entirely new model for how computer programs can run: in a decentralized, peer-to-peer, open-source manner that is not only virtually impenetrable but also does not require trusted mediaries to authorize transactions.Blockchain's origins go back to the early 1990s, the time when the Internet was beginning to become more accessible to the public. The full concept was laid out in 2008 with Satoshi Nakamoto's white paper on his proposed cryptocurrency, Bitcoin. He developed the blockchain concept into a fully operational program that provides the best security features in all of cyber security. Some programmers saw that blockchain could be used for programs other than Bitcoin. They went on to develop powerful networks such as Ethereum and Blockstack, while other programmers began to experiment with other practical applications that blockchain had.The potential of blockchain is enormous. It enables highly secure transactions that cannot be tampered with. One feature of blockchain, the smart contract, even ensures that all parties involved in a contract carry out their prescribed duties - without the need for any trusted third party or middleman! Thus, there is no need for hagglng, disputing claims, or going back and forth on each party's responsibility. Adoption of this technology by insurance, financial,

and other institutions carries the potential to save on administrative costs. Blockchain smart contracts could even be used in elections by enabling voters to cast their votes from home and automatically tally them in such a way that the final numbers are indisputable; this has the potential to eliminate voter fraud, reverse low-voter turnout, and the margin of error in counting votes. Even so, the potential that blockchain technology has is only beginning to be recognized. In this book, you will find accurate, detailed information that will help you understand what blockchain is, how it is currently being used, and how you can use it. Here Is A Preview Of What You'll Learn... The history of blockchain technology Other technologies spawned from blockchain The mechanics behind how blockchain works Applications for blockchain Limitations and challenges of blockchain How to profit from blockchain How to build a mining rig Much, much more! Get your copy today!Take action today and buy this book for a limited time discount of only \$15.38 Scroll up and click the buy button now!

“Fighter pilots tell the greatest stories and the great ones tell the best stories of all...” —PAT CONROY, bestselling author of The Great Santini and The Death of Santini “This book is not only among the finest war writing ever but, like Viktor Frankl’s Man’s Search for Meaning, Solitary sits alongside the most profound reflections on the resilience and capacity of the human soul.” —STEVEN PRESSFIELD, bestselling author of The Lion’s Gate and The War of Art “Solitary is a gutsy story of one man’s survival, endurance, and strength of will...” —LARRY ALEXANDER, bestselling co-author of A Higher Call “I anxiously await the day my own sons are old enough to read it.” —RICH COHEN, bestselling author of Tough Jews “You will tear through this book...” —RYAN HOLLIDAY, bestselling author of The Obstacle is the Way “It grabs you immediately, and doesn’t let go until you’re finished.” —TUCKER MAX, bestselling author of I Hope They Serve Beer in Hell “A magnificent triumph of the human spirit...I was captivated from the first page to the last.” —SEAN PARNELL, bestselling author of Outlaw Platoon Giora Romm was the Israeli Air Force’s first fighter ace. As a twenty-two-year-old lieutenant he shot down five MiGs during the Six Day War of 1967. Fourteen months later over the Nile Delta, an Egyptian missile exploded beneath the tail of his Mirage IIIc. Within moments Romm found himself hanging by the straps of his parachute, with a broken arm and a leg shattered in a dozen places, looking down from 10,000 feet. Streams of farmers and field workers converged below onto the spot toward which his chute was descending, with the intention, he was certain, of hacking him to death as soon as his feet touched the earth. No other Israeli pilot had survived capture in Egypt or in any other Arab state. Solitary is Romm’s story of his imprisonment, torture, interrogation, release, and return to service. Solitary is not a "war book." It's not a tale of heroism, though if anyone ever qualified for that distinction, it is this story's author. Solitary is not even, in its deepest parts, about captivity or imprisonment. Solitary is about Romm's inner war. It's the story, in his phrase, "of a fall from a great height," not only literally but metaphorically. Romm could not tell his captors the truth about who he was or what he had done. He had to invent an entire fictional biography and keep it straight in his head through months of beatings and interrogations, all the while being held in solitary confinement with his body sheathed from chest to toe in a plaster cast. Solitary is not a grim book. It's full of wry humor, keen self-observations and revelations. An ordeal such as Romm endured is a sojourn in hell, but it is also a passage. Romm fell, and he came back. Solitary is his incredible account of confronting, as few of us ever will, his own fears and limitations, and discovering, ultimately, his capacity to survive and to prevail. —From the Introduction by Steven Pressfield

C++ Crash Course

Exploring BeagleBone, 2nd Edition

How Linux Works, 2nd Edition

How to Draw Ships and Boats

JavaScript Crash Course

Learn Java the Easy Way

Python

In-depth instruction and practical techniques for building with the BeagleBone embedded Linux platform Exploring BeagleBone is a hands-on guide to bringing gadgets, gizmos, and robots to life using the popular BeagleBone embedded Linux platform. Comprehensive content and deep detail provide more than just a BeagleBone instruction manual—you'll also learn the underlying engineering techniques that will allow you to create your own projects. The book begins with a foundational primer on essential skills, and then gradually moves into communication, control, and advanced applications using C/C++, allowing you to learn at your own pace. In addition, the book's companion website features instructional videos, source code, discussion forums, and more, to ensure that you have everything you need. The BeagleBone's small size, high performance, low cost, and extreme adaptability have made it a favorite development platform, and the Linux software base allows for complex yet flexible functionality. The BeagleBone has applications in smart buildings, robot control, environmental sensing, to name a few; and, expansion boards and peripherals dramatically increase the possibilities. Exploring BeagleBone provides a reader-friendly guide to the device, including a crash course in computer engineering. While following step by step, you can: Get up to speed on embedded Linux, electronics, and programming Master interfacing electronic circuits, buses and modules, with practical examples Explore the Internet-connected BeagleBone and the BeagleBone with a display Apply the BeagleBone to sensing applications, including video and sound Explore the BeagleBone's Programmable Real-Time Controllers Updated to cover the latest Beagle boards, Linux kernel versions, and Linux software releases. Includes new content on Linux kernel development, the Linux Remote Processor Framework, CAN bus, IoT frameworks, and much more! Hands-on learning helps ensure that your new skills stay with you, allowing you to design with electronics, modules, or peripherals even beyond the BeagleBone. Insightful guidance and online peer support help you transition from beginner to expert as you master the techniques presented in Exploring BeagleBone , the practical handbook for the popular computing platform.

The second edition of the best-selling Python book in the world (over 1 million copies sold)! A fast-paced, no-nonsense guide to programming in Python. Updated and thoroughly revised to reflect the latest in Python code and practices. Python Crash Course is the world's best-selling guide to the Python programming language. This fast-paced, thorough introduction to programming with Python will have you writing programs, solving problems, and making things that work in no time. In the first half of the book, you'll learn basic programming concepts, such as variables, lists, classes, and loops, and practice writing clean code with exercises for each topic. You'll also learn how to make your programs interactive and test your code safely before adding it to a project. In the second half, you'll put your new knowledge into practice with three substantial projects: a Space Invaders-inspired arcade game, a set of data visualizations with Python's handy libraries, and a simple web app you can deploy online. As you work through the book, you'll learn how to:

• Use powerful Python libraries and tools, including Pygame, Matplotlib, Plotly, and Django • Make 2D games that respond to keypresses and mouse clicks, and that increase in difficulty

• Use data to generate interactive visualizations • Create and customize web apps and deploy them safely online • Deal with mistakes and errors so you can solve your own programming problems If you've been thinking about digging into programming, Python Crash Course will get you writing real programs fast. Why wait any longer? Start your engines and code!

September 11th, 2001 was America's wake up call to terrorism. Unfortunately, we hit the snooze alarm. The next wave of terror attacks won't be nation shaking, cataclysmic events. We're ready for that. Instead, they'll be minor, localized nightmares. Mere pinpricks to our country, but catastrophic to the small towns that find themselves in the crosshairs. Worst of all, there's nothing we can do to stop it from happening - or is there? A gritty novel extrapolated from real world events, this fast-paced, riveting thriller will leave you alarmed, angry, and awestruck at America's unpreparedness for the next wave of terror attacks. Some might refer to it as death by a thousand cuts, but the counterterrorism community calls it Small Ball. Small Ball is an indictment of our woefully wrongheaded security infrastructure and a

testament to the resilience, resourcefulness, and integrity of the average American. You'll wonder why it hasn't happened already. Perhaps it's happening right now...

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.

A Practical and Comprehensive Guide to Learn Linux Operating System and Master Linux Command Line. Contains Self-Evaluation Tests to Verify Your Learning Level

The Crash, Captivity and Comeback of an Ace Fighter Pilot

For the Unhappily Married and Those Considering Wedlock

Automate the Boring Stuff with Python, 2nd Edition

The Linux Command Line Beginner's Guide

A Hands-On Guide to the Inner Workings of the Machine

A Beginner's Guide to Learn and Master Data Analytics

If you are convinced that the world today is producing more data than the previous decades, then you understand that processing yesterday's data for today's use at times is not enough. The level of data analysis that is needed in highly competitive business environment needs to be processed, analyzed and used immediately for businesses to be ahead of their competition. Having this in mind, you need to understand from the ground up, what data is, the different types of data and how you should identify the right data for your business. To help you understand the simple basics of data and how it needs to be analyzed, then Data Analytics for Beginners is the book that you have been waiting for. The size and type of business you are running doesn't matter because after all, it will depend on your ability to understand the data that your business is exposed to so as to make better business decisions for the current working environment and the future. Are there patterns in your business that you cannot see? Do you want to make sense of the shopping trends of your clients to better enrich their experience? Do you want to know your target market even more? Do you want to better derive insights from the feedback your clients give you? These questions can only be answered when you perform a data analysis for your business. Collecting the data is one thing, analyzing them is another matter entirely as it is not something that can be done haphazardly by just looking at the data. If you hope to understand your data well, you need to understand the data you are collecting, the methods to use and the right tools to use when analyzing the data. Inside you will find valuable steps and tools that will help make your information work for you. Do not let yourself get complacent, stop looking at the data that you collect each day and start analyzing your data to move your business up. Get started by buying this book today! Inside you will find How data should be understood? Terms and concepts used in data analysis. Data mining and the different kinds of databases used to store data. How information can be retrieved and manipulated in the database to create a visual representation of what you want to know? The life cycle of data analysis. And more...

JavaScript Crash Course is a fast-paced, thorough introduction to programming in JavaScript that will have you writing your own software and web applications in no time. Like the bestselling Python Crash Course, this hands-on guide is a must-have for anyone who wants to learn how to code from the ground up, this time using the popular JavaScript programming language. JavaScript is the programming language of the internet, the secret sauce that makes websites dynamic, responsive, and all-around awesome. JavaScript Crash Course will quickly teach total beginners how to code in this popular, easy-to-learn language. This light-hearted, fast-paced introduction teaches you programming essentials through fun examples, hands-on exercises, and projects like building a Pong-style game. Discover all the important aspects of the language without delving into expert-level nitty-gritty details or confusing jargon. You will quickly develop an understanding of key coding concepts including strings, functions, arrays, and loops, and then move on to more advanced topics, such as building web-page interactivity by manipulating the DOM, and drawing graphics with Canvas. Along the way, you'll have fun using JavaScript to make games, apps, and even create music.

The second edition of this best-selling Python book (over 500,000 copies sold!) uses Python 3 to teach even the technically uninclined how to write programs that do in minutes what would take hours to do by hand. There is no prior programming experience required and the book is loved by liberal arts majors and geeks alike. If you've ever spent hours renaming files or updating hundreds of spreadsheet cells, you know how tedious tasks like these can be. But what if you could have your computer do them for you? In this fully revised second edition of the best-selling classic Automate the Boring Stuff with Python, you'll learn how to use Python to write programs that do in minutes what would take you hours to do by hand--no prior programming experience required. You'll learn the basics of Python and explore Python's rich library of modules for performing specific tasks, like scraping data off websites, reading PDF and Word documents, and automating clicking and typing tasks. The second edition of this international fan favorite includes a brand-new chapter on input validation, as well as tutorials on automating Gmail and Google Sheets, plus tips on automatically updating CSV files. You'll learn how to create programs that effortlessly perform useful feats of automation to:

- Search for text in a file or across multiple files
- Create, update, move, and rename files and folders
- Search the Web and download online content
- Update and format data in Excel spreadsheets of any size
- Split, merge, watermark, and encrypt PDFs
- Send email responses and text notifications
- Fill out online forms

Step-by-step instructions walk you through each program, and updated practice projects at the end of each chapter challenge you to improve those programs and use your newfound skills to automate similar tasks. Don't spend your time doing work a well-trained monkey could do. Even if you've never written a line of code, you can make your computer do the grunt work. Learn how in Automate the Boring Stuff with Python, 2nd Edition.

A lot of SAP professionals start their careers as programmers and focus on turning functional specifications into technical specifications and writing code. First Steps in SAP ABAP (Advanced Business Application Programming) is the resource that every beginner needs to have. You will learn how to write your own ABAP code step by step and progressively build your own ABAP application. - Step-by-Step instructions for beginners - Comprehensive descriptions and code examples - A guide to create your first ABAP application - Tutorials that provide answers to the most commonly asked programming questions Get a head start on SAP ABAP! This book provides you with the tools you need to get started with a job as an SAP ABAP programmer

Linux Administration: A Beginner's Guide, Seventh Edition