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Advanced Penetration Testing Ccnp Collaboration Core Clcor 350-801 Official Certification Guide Accelerated C++: Practical Programming By Example Linux Essentials How to Pass the SAP ABAP Certification Exam C# Essentials Destinations of a Lifetime LPIC-1: Linux Professional Institute Certification Study Guide Testing Microservices with Mountebank Koenig and Schultz's Disaster Medicine CompTIA PenTest+ Study Guide Diet and Health Automated Machine Learning Microsoft Excel 2013 Building Data Models with PowerPivot Transforming the Workforce for Children Birth Through Age 8 CCNP and CCIE Data Center Core DCCOR 350-601 Official Cert Guide OCA/OCJP Java SE 7 Programmer I & II Study Guide (Exams 1Z0-803 & 1Z0-804) Religion and Spirituality in Psychiatry Groovy in Action Injection Molding Advanced Troubleshooting Guide Official (ISC)2 Guide to the CISSP CBK Java Testing with Spock Model Checking, second edition Optimization Methods in Finance The Future of the Public's Health in the 21st Century Social Isolation and Loneliness in Older Adults Learning JavaScript Design Patterns VCP4 Exam Cram Medicare Coverage of Routine Screening for Thyroid Dysfunction Global Democracy Oral and Maxillofacial Mastering Oracle PL/SQL Developing Secure Applications OCA: Oracle Certified Associate Java SE 8 Programmer I Study Guide Cooperative Breeding in Birds CISA Exam-Study Guide by Hemang Doshi English File - Beginner C Programming Language Exam Ref 70-778 Analyzing and Visualizing Data by Using Microsoft Power BI RxSwift (Fourth Edition)

Learning JavaScript Design Patterns Feb 01 2021 With Learning JavaScript Design Patterns, you'll learn how to write beautiful, structured, and maintainable JavaScript by applying classical and modern design patterns to the language. If you want to keep your code efficient, more manageable, and up-to-date with the latest best practices, this book is for you. Explore many popular design patterns, including Modules, Observers, Facades, and Mediators. Learn how modern architectural patterns—such as MVC, MVP, and MVVM—are useful from the perspective of a modern web application developer. This book also walks experienced JavaScript developers through modern module formats, how to namespace code effectively, and other essential topics. Learn the structure of design patterns and how they are written Understand different pattern categories, including creational, structural, and behavioral Walk through more than 20 classical and modern design patterns in JavaScript Use several options for writing modular code—including the Module pattern, Asynchronous Module Definition (AMD), and CommonJS Discover design patterns implemented in the jQuery library Learn popular design patterns for writing maintainable jQuery plug-ins "This book should be in every JavaScript developer's hands. It's the go-to book on JavaScript patterns that will be read and referenced many times in the future."—Andrée Hansson, Lead Front-End Developer, presis!

Accelerated C++: Practical Programming By Example Feb 25 2023

OCA/OCJP Java SE 7 Programmer I & II Study Guide (Exams 1Z0-803 & 1Z0-804) Dec 11 2021 A complete update to the definitive, bestselling guide to the #1 certification for Java programmers Written and revised by the co-developers of the original SCJP exam and now published in the Oracle Press brand Includes two complete practice exams—250+ practice exam questions in book and via electronic content Replaces SCJP Sun Certified Programmer for Java Study Guide—150,000 copies sold

English File - Beginner Mar 22 2020 English File's unique, lively and enjoyable lessons are renowned for getting students talking English File, fourth edition, has been built on tried and trusted methodology and contains uniquely motivating lessons and activities that encourage students to discuss topics with confidence. **NEW TO THIS EDITION** New and updated texts, topics, and listenings, based on feedback from English File teachers Each Student Book comes with access to new Online Practice, providing learners with extra practice and activities for each File Online Practice includes new Sound Bank videos, with the unique opportunity to watch a native speaker pronounce the sound, and new interactive videos where students can take part in the drama themselves New video listening activities are integrated into each even-numbered File. These short documentaries and dramas make class time more dynamic and exciting The Classroom Presentation Tool shows the course content on screen, making it easier for you to deliver engaging lessons Teacher's Resource Centre allows you to manage all English File resources and download teaching materials in one place. **Find out more here**

Advanced Penetration Testing Apr 27 2023 Build a better defense against motivated, organized,

professional attacks *Advanced Penetration Testing: Hacking the World's Most Secure Networks* takes hacking far beyond Kali linux and Metasploit to provide a more complex attack simulation. Featuring techniques not taught in any certification prep or covered by common defensive scanners, this book integrates social engineering, programming, and vulnerability exploits into a multidisciplinary approach for targeting and compromising high security environments. From discovering and creating attack vectors, and moving unseen through a target enterprise, to establishing command and exfiltrating data—even from organizations without a direct Internet connection—this guide contains the crucial techniques that provide a more accurate picture of your system's defense. Custom coding examples use VBA, Windows Scripting Host, C, Java, JavaScript, Flash, and more, with coverage of standard library applications and the use of scanning tools to bypass common defensive measures. Typical penetration testing consists of low-level hackers attacking a system with a list of known vulnerabilities, and defenders preventing those hacks using an equally well-known list of defensive scans. The professional hackers and nation states on the forefront of today's threats operate at a much more complex level—and this book shows you how to defend your high security network. Use targeted social engineering pretexts to create the initial compromise Leave a command and control structure in place for long-term access Escalate privilege and breach networks, operating systems, and trust structures Infiltrate further using harvested credentials while expanding control Today's threats are organized, professionally-run, and very much for-profit. Financial institutions, health care organizations, law enforcement, government agencies, and other high-value targets need to harden their IT infrastructure and human capital against targeted advanced attacks from motivated professionals. *Advanced Penetration Testing* goes beyond Kali linux and Metasploit and to provide you advanced pen testing for high security networks.

VCP4 Exam Cram Dec 31 2020 VCP4 Exam Cram VMware Certified Professional VCP-410 Exam Second Edition Elias Khnaser *VCP4 Exam Cram, Second Edition*, is the perfect study guide to help you pass the VMware VCP-410 exam. It provides coverage and practice questions for every exam topic. The book contains an extensive set of preparation tools, such as quizzes, Exam Alerts, and a practice exam, while the CD provides real-time practice and feedback with a 75-question test engine. Covers the critical information you'll need to know to score higher on your VCP-410 exam! . Master the essential concepts of VMware vSphere 4 . Plan, install, deploy, and configure ESX/ESXi 4.1 . Understand how VMware vSphere 4 is licensed . Implement reliable virtualized storage operations . Administer ESX/ESXi 4.1 with vCenter 4.1 . Manage virtual machine operations . Systematically secure your virtual infrastructure . Manage and monitor virtual resources . Troubleshoot problems with ESX/ESXi 4.1 . Implement effective backup, disaster recovery, and business continuity . Maximize system availability in virtualized environments Elias Khnaser is an author, speaker, and IT consultant specializing in Microsoft, Citrix, and VMware virtualization technologies. Elias is the practice manager for virtualization and cloud computing at Artemis Technology. With more than 14 years of experience, Elias is one of the world's leading experts on virtualization and cloud computing and is a recipient of the VMware vExpert award. **CD Features 75 Practice Questions** The test engine gives you an effective tool to assess your readiness for the exam . Detailed explanations of correct and incorrect answers . Multiple test modes . Random questions and order of answers . Coverage of each VCP-410 exam topic

Injection Molding Advanced Troubleshooting Guide Sep 08 2021 This highly practical troubleshooting guide solves injection molding problems systematically and quickly. The rigorous but user-friendly approach employs the authors' proven »STOP« methodology, considering molding process, mold, machine, and material (4M's) as possible sources of part defects. Importantly, the interaction between tooling, processing, and material is emphasized, allowing successful resolution of difficult problems where »by-the-books« approaches fail. Starting from troubleshooting methodology and tools, there is a focused discussion of key areas impacting troubleshooting, in particular the 4M's, followed by an in-depth troubleshooting guide for various molding defects, structured logically by type of problem / solution. Insightful case studies throughout show the strengths of the STOP method to get real processes to run smoothly and reliably, producing quality parts with optimal cycle time and cost. Drawing on a wealth of hands-on experience, this book serves as an ideal reference to be consulted at the machine, or as a learning and training manual, suitable for both beginners and experienced molders. With valuable information on robust process windows, cycle time evaluations, scrap savings, and runners / gates with no existing standard in the industry, no other book provides the unique insights found here. The 2nd edition is updated with new discussion and case studies on topics including additive manufactured inserts, unmelts, buildup, burns, cycle time, gloss variation, and read-through.

Cooperative Breeding in Birds May 24 2020 Cooperative breeding is an unusual kind of social behaviour, found in a few hundred species worldwide, in which individuals other than the parents help raise young. Understanding the apparently altruistic behaviour of helpers has provided numerous challenges to evolutionary biologists. This book includes detailed first-hand summaries of many of the major empirical studies of cooperatively breeding birds. It provides comparative information on the demography, social behaviour and behavioural ecology of these unusual species and explores the diversity of ideas and the controversies which have developed in this field. The studies are all long-term and consequently the book summarises some of the most extensive studies of the behaviour of marked individuals ever undertaken. Graduate students and research workers in ornithology, sociobiology, behavioural ecology and evolutionary biology will find much of value in this book.

Oral and Maxillofacial Sep 27 2020 Diagnostic Imaging: Oral and Maxillofacial is the newest title in the popular Diagnostic Imaging series by Amirsys. This book is written primarily for dentists who currently use or plan to use CT or CBCT technology in their practices. It can also benefit radiologists interested in the head and neck region who would like a dentist's perspective. The authors are a large team of renowned oral and maxillofacial dentists and radiologists. Unlike many head and neck radiology books, this volume uses dental-specific nomenclature and anatomy descriptions. It offers a comprehensive review of the oral and maxillofacial complex and reviews the imaging of its common pathologies. It includes a complete section on differential diagnoses that offers an intuitive and simplified method of reviewing pathology according to its radiographic appearance. Featuring over 1,000 images, this volume has a unique focus on three-dimensional imaging rather than intraoral and extraoral plain film radiography. This approach provides the practitioner with a quick and easy reference to the radiographic appearance of the normal as well as abnormal oral and maxillofacial complex. The book includes three main sections: 1) imaging anatomy, which covers normal dental anatomy and nomenclature as well as radiographic anatomy of the oral and maxillofacial complex, 2) diagnostic imaging, which reviews the radiographic appearance of pathology that affects the oral region, and 3) a list of differential diagnoses, which offers a unique and simplified method of categorizing pathology according to radiographic appearance. Like all Amirsys radiology titles, the book also features easy-to-read bulleted text, detailed radiographic images, and superb medical illustrations.

C# Essentials Nov 22 2022 Concise but thorough, this second edition of C# Essentials introduces the Microsoft C# programming language, including the Microsoft .NET Common Language Runtime (CLR) and .NET Framework Class Libraries (FCL) that support it. This book's compact format and terse presentation of key concepts serve as a roadmap to the online documentation included with the Microsoft .NET Framework SDK; the many examples provide much-needed context. This new edition has been updated to cover the final release of the C# language. In addition to overviews of C#, the CLR, and the FCL, this new edition of C# Essentials covers: Every C# language element and its syntax, in reference format, including new keywords The major C# datatypes, with code examples Common C# programming tasks Interoperation with legacy Win32 APIs and COM components, and the use of C/C++ style pointers within the managed context of the CLR Common development issues C# Essentials is an easy way for experienced programmers to evaluate and get up to speed quickly on the language best suited to developing web applications and services on the new Microsoft .NET platform.

Optimization Methods in Finance May 04 2021 Optimization models play an increasingly important role in financial decisions. This is the first textbook devoted to explaining how recent advances in optimization models, methods and software can be applied to solve problems in computational finance more efficiently and accurately. Chapters discussing the theory and efficient solution methods for all major classes of optimization problems alternate with chapters illustrating their use in modeling problems of mathematical finance. The reader is guided through topics such as volatility estimation, portfolio optimization problems and constructing an index fund, using techniques such as nonlinear optimization models, quadratic programming formulations and integer programming models respectively. The book is based on Master's courses in financial engineering and comes with worked examples, exercises and case studies. It will be welcomed by applied mathematicians, operational researchers and others who work in mathematical and computational finance and who are seeking a text for self-learning or for use with courses.

CompTIA PenTest+ Study Guide Jun 17 2022 Prepare for success on the new PenTest+ certification exam and an exciting career in penetration testing In the revamped Second Edition of CompTIA PenTest+ Study Guide: Exam PT0-002, veteran information security experts Dr. Mike Chapple and David Seidl

deliver a comprehensive roadmap to the foundational and advanced skills every pentester (penetration tester) needs to secure their CompTIA PenTest+ certification, ace their next interview, and succeed in an exciting new career in a growing field. You'll learn to perform security assessments of traditional servers, desktop and mobile operating systems, cloud installations, Internet-of-Things devices, and industrial or embedded systems. You'll plan and scope a penetration testing engagement including vulnerability scanning, understand legal and regulatory compliance requirements, analyze test results, and produce a written report with remediation techniques. This book will: Prepare you for success on the newly introduced CompTIA PenTest+ PT0-002 Exam Multiply your career opportunities with a certification that complies with ISO 17024 standards and meets Department of Defense Directive 8140/8570.01-M requirements Allow access to the Sybex online learning center, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms Perfect for anyone preparing for the updated CompTIA PenTest+ certification exam, CompTIA PenTest+ Study Guide: Exam PT0-002 is also a must-read resource for aspiring penetration testers and IT security professionals seeking to expand and improve their skillset.

Ccnp Collaboration Core Clcor 350-801 Official Certification Guide Mar 26 2023 CCNP and CCIE Collaboration Core CLCOR 350-801 Official Cert Guide presents you with an organised test preparation routine through the use of proven series elements and techniques. Do I Know This Already? quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CCNP and CCIE Collaboration Core CLCOR 350-801 Official Cert Guide focuses specifically on the objectives for the Cisco CCNP/CCIE CLCOR 350-801 exam. Collaboration expert Jason Ball shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. This complete study package includes A test-preparation routine proven to help you pass the exams Do I Know This Already? quizzes, which enable you to decide how much time you need to spend on each section Chapter-ending Key Topic tables, which help you drill on key concepts you must know thoroughly Practice exercises that help you enhance your knowledge More than 60 minutes of video mentoring from the author An online interactive Flash Cards application to help you drill on Key Terms by chapter A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies Study plan suggestions and templates to help you organise and optimise your study time

How to Pass the SAP ABAP Certification Exam Dec 23 2022 Demystify the SAP ABAP certification process and get the knowledge you need to pass the SAP Certified Development Associate exam. This book offers a comprehensive guide to passing the certification exam—dive into question formats, review the core material you need to know, and find out what to expect on the exam. What are ABAP certification questions really like? How many different formats are there? Dive into the 11 certification topic areas including ABAP Dictionary, ABAP programming, ABAP Objects, Web Dynpro for ABAP, and enhancements and modifications. Learn proven strategies for passing the exam including practical tips for maximizing your score. This book includes realistic abbreviated and full-length sample exams and a comprehensive checklist of topics that you will be expected to know. Find out what to expect on the day of the exam. If you have the ABAP skills, this book gives you the best possible chance of passing the SAP Certified Development Associate exam. - Essential guide on how to pass the ABAP Associate Certification exam - Overview of certification exam topics - Proven strategies for passing the exam - Abbreviated and full-length practice exams with answer guides

Diet and Health May 16 2022 Diet and Health examines the many complex issues concerning diet and its role in increasing or decreasing the risk of chronic disease. It proposes dietary recommendations for reducing the risk of the major diseases and causes of death today: atherosclerotic cardiovascular diseases (including heart attack and stroke), cancer, high blood pressure, obesity, osteoporosis, diabetes mellitus, liver disease, and dental caries.

LPIC-1: Linux Professional Institute Certification Study Guide Sep 20 2022 Offering you thorough coverage of the new version of the leading Linux certification from Linux Professional Institute (LPI), this book covers both objectives and materials tested in the two required LPIC-1 exams: LPI 101 and LPI 102. You'll certainly appreciate the clear, concise information on key exam topics, including using Linux command line tools, managing software, configuring hardware, managing files and filesystems, working with the X Window system, administering the system, basic networking, and more.

The Future of the Public's Health in the 21st Century Apr 03 2021 The anthrax incidents following the 9/11 terrorist attacks put the spotlight on the nation's public health agencies, placing it under an unprecedented scrutiny that added new dimensions to the complex issues considered in this report. The *Future of the Public's Health in the 21st Century* reaffirms the vision of Healthy People 2010, and outlines a systems approach to assuring the nation's health in practice, research, and policy. This approach focuses on joining the unique resources and perspectives of diverse sectors and entities and challenges these groups to work in a concerted, strategic way to promote and protect the public's health. Focusing on diverse partnerships as the framework for public health, the book discusses: The need for a shift from an individual to a population-based approach in practice, research, policy, and community engagement. The status of the governmental public health infrastructure and what needs to be improved, including its interface with the health care delivery system. The roles nongovernment actors, such as academia, business, local communities and the media can play in creating a healthy nation. Providing an accessible analysis, this book will be important to public health policy-makers and practitioners, business and community leaders, health advocates, educators and journalists.

Developing Secure Applications Jul 26 2020 *Developing Secure Applications* is targeted towards all developers and security programmers. Mobile apps, website applications, and enterprise applications developers would especially benefit from dedicated tools and case studies covered in the book. Written for the reader with no prior knowledge of how to build secure mobile and web-based applications and to test for their security, the book explains all the necessary concepts, tips and tricks, and practical real-life security threats. The book has been logically organized into 4 units: Fundamentals of security engineering, security testing, and development methodologies Security testing recipes Secure development guidelines and recipes Case studies: the latest and interesting attack vectors The highlights of the book are its coverage of the latest trends in attacks against web or mobile applications and the best practices for developing secure mobile applications.

CISA Exam-Study Guide by Hemang Doshi Apr 22 2020 After launch of Hemang Doshi's CISA Video series, there was huge demand for simplified text version for CISA Studies. This book has been designed on the basis of official resources of ISACA with more simplified and lucid language and explanation. Book has been designed considering following objectives: * CISA aspirants with non-technical background can easily grasp the subject. * Use of SmartArts to review topics at the shortest possible time.* Topics have been profusely illustrated with diagrams and examples to make the concept more practical and simple. * To get good score in CISA, 2 things are very important. One is to understand the concept and second is how to deal with same in exam. This book takes care of both the aspects.* Topics are aligned as per official CISA Review Manual. This book can be used to supplement CRM.* Questions, Answers & Explanations (QAE) are available for each topic for better understanding. QAEs are designed as per actual exam pattern. * Book contains last minute revision for each topic. * Book is designed as per exam perspective. We have purposefully avoided certain topics which have nil or negligible weightage in cisa exam. To cover entire syllabus, it is highly recommended to study CRM.* We will feel immensely rewarded if CISA aspirants find this book helpful in achieving grand success in academic as well as professional world.

Groovy in Action Oct 09 2021 *Summary Groovy in Action, Second Edition* is a thoroughly revised, comprehensive guide to Groovy programming. It introduces Java developers to the dynamic features that Groovy provides, and shows how to apply Groovy to a range of tasks including building new apps, integration with existing code, and DSL development. Covers Groovy 2.4. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology In the last ten years, Groovy has become an integral part of a Java developer's toolbox. Its comfortable, common-sense design, seamless integration with Java, and rich ecosystem that includes the Grails web framework, the Gradle build system, and Spock testing platform have created a large Groovy community About the Book *Groovy in Action, Second Edition* is the undisputed definitive reference on the Groovy language. Written by core members of the Groovy language team, this book presents Groovy like no other can—from the inside out. With relevant examples, careful explanations of Groovy's key concepts and features, and insightful coverage of how to use Groovy in-production tasks, including building new applications, integration with existing code, and DSL development, this is the only book you'll need. Updated for Groovy 2.4. Some experience with Java or another programming language is helpful. No Groovy experience is assumed. What's Inside Comprehensive coverage of Groovy 2.4 including language features, libraries, and AST transformations Dynamic, static, and extensible typing

Concurrency: actors, data parallelism, and dataflow Applying Groovy: Java integration, XML, SQL, testing, and domain-specific language support Hundreds of reusable examples About the Authors Authors Dierk König, Paul King, Guillaume Laforge, Hamlet D'Arcy, Cédric Champeau, Erik Pragt, and Jon Skeet are intimately involved in the creation and ongoing development of the Groovy language and its ecosystem. Table of Contents PART 1 THE GROOVY LANGUAGE Your way to Groovy Overture: Groovy basics Simple Groovy datatypes Collective Groovy datatypes Working with closures Groovy control structures Object orientation, Groovy style Dynamic programming with Groovy Compile-time metaprogramming and AST transformations Groovy as a static language PART 2 AROUND THE GROOVY LIBRARY Working with builders Working with the GDK Database programming with Groovy Working with XML and JSON Interacting with Web Services Integrating Groovy PART 3 APPLIED GROOVY Unit testing with Groovy Concurrent Groovy with GParc Domain-specific languages The Groovy ecosystem

Official (ISC)2 Guide to the CISSP CBK Aug 07 2021 As a result of a rigorous, methodical process that (ISC) follows to routinely update its credential exams, it has announced that enhancements will be made to both the Certified Information Systems Security Professional (CISSP) credential, beginning April 15, 2015. (ISC) conducts this process on a regular basis to ensure that the examinations and

Model Checking, second edition Jun 05 2021 An expanded and updated edition of a comprehensive presentation of the theory and practice of model checking, a technology that automates the analysis of complex systems. Model checking is a verification technology that provides an algorithmic means of determining whether an abstract model—representing, for example, a hardware or software design—satisfies a formal specification expressed as a temporal logic formula. If the specification is not satisfied, the method identifies a counterexample execution that shows the source of the problem. Today, many major hardware and software companies use model checking in practice, for verification of VLSI circuits, communication protocols, software device drivers, real-time embedded systems, and security algorithms. This book offers a comprehensive presentation of the theory and practice of model checking, covering the foundations of the key algorithms in depth. The field of model checking has grown dramatically since the publication of the first edition in 1999, and this second edition reflects the advances in the field. Reorganized, expanded, and updated, the new edition retains the focus on the foundations of temporal logic model while offering new chapters that cover topics that did not exist in 1999: propositional satisfiability, SAT-based model checking, counterexample-guided abstraction refinement, and software model checking. The book serves as an introduction to the field suitable for classroom use and as an essential guide for researchers.

Medicare Coverage of Routine Screening for Thyroid Dysfunction Nov 29 2020 When the Medicare program was established in 1965, it was viewed as a form of financial protection for the elderly against catastrophic medical expenses, primarily those related to hospitalization for unexpected illnesses. The first expansions to the program increased the eligible population from the retired to the disabled and to persons receiving chronic renal dialysis. It was not until 1980 that an expansion of services beyond those required "for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member" was included in Medicare. These services, known as preventive services, are intended either to prevent disease (by vaccination) or to detect disease (by diagnostic test) before the symptoms of illness appear. A Committee was formed "to conduct a study on the addition of coverage of routine thyroid screening using a thyroid stimulating hormone test as a preventive benefit provided to Medicare beneficiaries under Title XVIII of the Social Security Act for some or all Medicare beneficiaries."

OCA: Oracle Certified Associate Java SE 8 Programmer I Study Guide Jun 24 2020 Full coverage of functional programming and all OCA Java Programmer exam objectives OCA, Oracle Certified Associate Java SE 8 Programmer I Study Guide, Exam 1Z0-808 is a comprehensive study guide for those taking the Oracle Certified Associate Java SE 8 Programmer I exam (1Z0-808). With complete coverage of 100% of the exam objectives, this book provides everything you need to know to confidently take the exam. The release of Java 8 brought the language's biggest changes to date, and for the first time, candidates are required to learn functional programming to pass the exam. This study guide has you covered, with thorough functional programming explanation and information on all key topic areas Java programmers need to know. You'll cover Java inside and out, and learn how to apply it efficiently and effectively to create solutions applicable to real-world scenarios. Work confidently with operators, conditionals, and loops Understand object-oriented design principles and patterns Master functional programming fundamentals

Linux Essentials Jan 24 2023 A unique, full-color introduction to Linux fundamentals Serving as a low-

cost, secure alternative to expensive operating systems, Linux is a UNIX-based, open source operating system. Full-color and concise, this beginner's guide takes a learning-by-doing approach to understanding the essentials of Linux. Each chapter begins by clearly identifying what you will learn in the chapter, followed by a straightforward discussion of concepts that leads you right into hands-on tutorials. Chapters conclude with additional exercises and review questions, allowing you to reinforce and measure your understanding. Offers a hands-on approach to acquiring a foundation of Linux skills, aiming to ensure Linux beginners gain a solid understanding Uses the leading Linux distribution Fedora to demonstrate tutorials and examples Addresses Linux installation, desktop configuration, management of files and filesystems, remote administration, security, and more This book is essential reading for anyone entering the world of Linux!

Exam Ref 70-778 Analyzing and Visualizing Data by Using Microsoft Power BI Jan 20 2020 Prepare for Microsoft Exam 70-778—and help demonstrate your real-world mastery of Power BI data analysis and visualization. Designed for experienced BI professionals and data analysts ready to advance their status, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives: Consume and transform data by using Power BI Desktop Model and visualize data Configure dashboards, reports, and apps in the Power BI Service This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have experience consuming and transforming data, modeling and visualizing data, and configuring dashboards using Excel and Power BI

Destinations of a Lifetime Oct 21 2022 NatGeo takes you on a photographic tour of the world's most spectacular destinations, inspiring tangible ideas for your next trip. Travel to hundreds of the most breathtaking locales—both natural and man-made—illustrated with vivid images taken by the organization's world-class photographers. These images, coupled with evocative text, feature a plethora of visual wonders: ancient monoliths, scenic islands, stunning artwork, electric cityscapes, white-sand seashores, rain forests, ancient cobbled streets, and both classic and innovative architecture. Loaded with hard service information for each location, Destinations of a Lifetime has it all: when to go, where to eat, where to stay, and what to do to ensure the most enriching and authentic experience.

Religion and Spirituality in Psychiatry Nov 10 2021 This book was the first to specifically address the impact of religion and spirituality on mental illness.

Testing Microservices with Mountebank Aug 19 2022 Summary Testing Microservices with Mountebank is your guide to the ins and outs of testing microservices with service virtualization. The book offers unique insights into microservices application design and state-of-the-art testing practices that will deepen your microservices skills and improve your applications. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Even if you lab test each service in isolation, it's challenging—and potentially dangerous—to test a live microservices system that's changing and growing. Fortunately, you can use Mountebank to "imitate" the components of a distributed microservices application to give you a good approximation of the runtime conditions as you test individual services. About the Book Testing Microservices with Mountebank introduces the powerful practice of service virtualization. In it, author Brandon Byars, Mountebank's creator, offers unique insights into microservices application design and state-of-the-art testing practices. You'll expand your understanding of microservices as you work with Mountebank's imposters, responses, behaviors, and programmability. By mastering the powerful testing techniques in this unique book, your microservices skills will deepen and your applications will improve. For real. What's inside The core concepts of service virtualization Testing using canned responses Programming Mountebank Performance testing About the Reader Written for developers familiar with SOA or microservices systems. About the Author Brandon Byars is the author and chief maintainer of Mountebank and a principal consultant at ThoughtWorks. Table of Contents PART 1 - FIRST STEPS Testing microservices Taking mountebank for a test drive PART 2 - USING MOUNTEBANK Testing using canned responses Using predicates to send different responses Adding record/replay behavior Programming mountebank Adding behaviors Protocols PART 3 - CLOSING THE LOOP Mountebank and continuous delivery Performance testing with mountebank

Koenig and Schultz's Disaster Medicine Jul 18 2022 This is the definitive reference on disaster medicine, outlining areas of proficiency for health care professionals handling mass casualty crises.

Mastering Oracle PL/SQL Aug 27 2020 If you have mastered the fundamentals of the PL/SQL language and are now looking for an in-depth, practical guide to solving real problems with PL/SQL stored

procedures, then this is the book for you.

Microsoft Excel 2013 Building Data Models with PowerPivot Mar 14 2022 Your guide to quickly turn data into results. Transform your skills, data, and business—and create your own BI solutions using software you already know and love: Microsoft Excel. Two business intelligence (BI) experts take you inside PowerPivot functionality for Excel 2013, with a focus on real world scenarios, problem-solving, and data modeling. You'll learn how to quickly turn mass quantities of data into meaningful information and on-the-job results—no programming required! Understand the differences between PowerPivot for Self Service BI and SQL Server Analysis Services for Corporate BI Extend your existing data-analysis skills to create your own BI solutions Quickly manipulate large data sets, often in millions of rows Perform simple-to-sophisticated calculations and what-if analysis Create complex reporting systems with data modeling and Data Analysis Expressions Share your results effortlessly across your organization using Microsoft SharePoint Authors' note on using Microsoft Excel 2016: This book's content was written against Excel 2013, but it is useful and valid for users of Excel 2016 too. Excel 2016 introduces several new DAX functions and an improved editor for DAX without changing any existing behavior. In other words, all of the concepts and examples explained in this book continue to work with Excel 2016.

Java Testing with Spock Jul 06 2021 Summary Java Testing with Spock teaches you how to use Spock for a wide range of testing use cases in Java. Readers new to Groovy will appreciate the succinct language tutorial that'll give you just enough Groovy to use Spock effectively. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Spock combines the features of tools like JUnit, Mockito, and JBehave into a single powerful Java testing library. With Spock, you use Groovy to write more readable and concise tests. Spock enables seamless integration testing, and with the intuitive Geb library, you can even handle functional testing of web applications. About the Book Java Testing with Spock teaches you how to use Spock for a wide range of testing use cases in Java. You'll start with a quick overview of Spock and work through writing unit tests using the Groovy language. You'll discover best practices for test design as you learn to write mocks, implement integration tests, use Spock's built-in BDD testing tools, and do functional web testing using Geb. Readers new to Groovy will appreciate the succinct language tutorial in chapter 2 that gives you just enough Groovy to use Spock effectively. What's Inside Testing with Spock from the ground up Write mocks without an external library BDD tests your business analyst can read Just enough Groovy to use Spock About the Reader Written for Java developers. Knowledge of Groovy and JUnit is helpful but not required. About the Author Konstantinos Kapelonis is a software engineer who works with Java daily. Table of Contents PART 1 FOUNDATIONS AND BRIEF TOUR OF SPOCK Introducing the Spock testing framework Groovy knowledge for Spock testing A tour of Spock functionality PART 2 STRUCTURING SPOCK TESTS Writing unit tests with Spock Parameterized tests Mocking and stubbing PART 3 SPOCK IN THE ENTERPRISE Integration and functional testing with Spock Spock features for enterprise testing RxSwift (Fourth Edition) Dec 19 2019 Learn Reactive Programming in Swift with RxSwift!The popularity of reactive programming continues to grow on an every-increasing number of platforms and languages. Rx lets developers easily and quickly build apps with code that can be understood by other Rx developers - even over different platforms. Not only will you learn how to use the RxSwift port to create complex reactive applications on iOS, you'll also see how to easily solve common application design issues by using RxSwift. Finally you'll discover how to exercise full control over the library and leverage the full power of reactive programming in your apps. This book is for iOS developers who already feel comfortable with iOS and Swift, and want to dive deep into development with RxSwift. Topics Covered in RxSwift:- Getting Started: Get an introduction to the reactive programming paradigm, learn the terminology involved and see how to begin using RxSwift in your projects.- Event Management: Learn how to handle asynchronous event sequences via two key concepts in Rx - Observables and Observers.- Being Selective: See how to work with various events using concepts such as filtering, transforming, combining, and time operators.- UI Development: RxSwift makes it easy to work with UI of your apps using RXCocoa, which provides integration of both UIKit and Cocoa.- Intermediate Topics: Level up your RxSwift knowledge with chapters on reactive networking, multi-threading, and error handling. And much, much more! By the end of this book, you'll have hands-on experience solving common issues in a reactive paradigm - and you'll be well on your way to coming up with your own Rx patterns and solutions!

Global Democracy Oct 29 2020 Democracy is increasingly seen as the only legitimate form of government, but few people would regard international relations as governed according to democratic principles. Can this lack of global democracy be justified? Which models of global politics should

contemporary democrats endorse and which should they reject? What are the most promising pathways to global democratic change? To what extent does the extension of democracy from the national to the international level require a radical rethinking of what democratic institutions should be? This book answers these questions by providing a sustained dialogue between scholars of political theory, international law and empirical social science. By presenting a broad range of views by prominent scholars, it offers an in-depth analysis of one of the key challenges of our century: globalizing democracy and democratizing globalization.

***Social Isolation and Loneliness in Older Adults* Mar 02 2021 Social isolation and loneliness are serious yet underappreciated public health risks that affect a significant portion of the older adult population. Approximately one-quarter of community-dwelling Americans aged 65 and older are considered to be socially isolated, and a significant proportion of adults in the United States report feeling lonely. People who are 50 years of age or older are more likely to experience many of the risk factors that can cause or exacerbate social isolation or loneliness, such as living alone, the loss of family or friends, chronic illness, and sensory impairments. Over a life course, social isolation and loneliness may be episodic or chronic, depending upon an individual's circumstances and perceptions. A substantial body of evidence demonstrates that social isolation presents a major risk for premature mortality, comparable to other risk factors such as high blood pressure, smoking, or obesity. As older adults are particularly high-volume and high-frequency users of the health care system, there is an opportunity for health care professionals to identify, prevent, and mitigate the adverse health impacts of social isolation and loneliness in older adults. *Social Isolation and Loneliness in Older Adults* summarizes the evidence base and explores how social isolation and loneliness affect health and quality of life in adults aged 50 and older, particularly among low income, underserved, and vulnerable populations. This report makes recommendations specifically for clinical settings of health care to identify those who suffer the resultant negative health impacts of social isolation and loneliness and target interventions to improve their social conditions. *Social Isolation and Loneliness in Older Adults* considers clinical tools and methodologies, better education and training for the health care workforce, and dissemination and implementation that will be important for translating research into practice, especially as the evidence base for effective interventions continues to flourish.**

C Programming Language Feb 19 2020 This ebook is the first authorized digital version of Kernighan and Ritchie's 1988 classic, *The C Programming Language* (2nd Ed.). One of the best-selling programming books published in the last fifty years, "K&R" has been called everything from the "bible" to "a landmark in computer science" and it has influenced generations of programmers. Available now for all leading ebook platforms, this concise and beautifully written text is a "must-have" reference for every serious programmer's digital library. As modestly described by the authors in the Preface to the First Edition, this "is not an introductory programming manual; it assumes some familiarity with basic programming concepts like variables, assignment statements, loops, and functions. Nonetheless, a novice programmer should be able to read along and pick up the language, although access to a more knowledgeable colleague will help."

***Transforming the Workforce for Children Birth Through Age 8* Feb 13 2022 Children are already learning at birth, and they develop and learn at a rapid pace in their early years. This provides a critical foundation for lifelong progress, and the adults who provide for the care and the education of young children bear a great responsibility for their health, development, and learning. Despite the fact that they share the same objective - to nurture young children and secure their future success - the various practitioners who contribute to the care and the education of children from birth through age 8 are not acknowledged as a workforce unified by the common knowledge and competencies needed to do their jobs well. *Transforming the Workforce for Children Birth Through Age 8* explores the science of child development, particularly looking at implications for the professionals who work with children. This report examines the current capacities and practices of the workforce, the settings in which they work, the policies and infrastructure that set qualifications and provide professional learning, and the government agencies and other funders who support and oversee these systems. This book then makes recommendations to improve the quality of professional practice and the practice environment for care and education professionals. These detailed recommendations create a blueprint for action that builds on a unifying foundation of child development and early learning, shared knowledge and competencies for care and education professionals, and principles for effective professional learning. Young children thrive and learn best when they have secure, positive relationships with adults who are knowledgeable about how to**

support their development and learning and are responsive to their individual progress. *Transforming the Workforce for Children Birth Through Age 8* offers guidance on system changes to improve the quality of professional practice, specific actions to improve professional learning systems and workforce development, and research to continue to build the knowledge base in ways that will directly advance and inform future actions. The recommendations of this book provide an opportunity to improve the quality of the care and the education that children receive, and ultimately improve outcomes for children.

CCNP and CCIE Data Center Core DCCOR 350-601 Official Cert Guide Jan 12 2022 This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Access to the personal video mentoring is available through product registration at Cisco Press; or see the instructions in the back pages of your eBook. Learn, prepare, and practice for CCNP/CCIE Data Center Core DCCOR 350-601 exam success with this Cert Guide from Cisco Press, a leader in IT certification learning and the only self-study resource approved by Cisco. · Master CCNP/CCIE Data Center Core DCCOR 350-601 exam topics · Assess your knowledge with chapter-ending quizzes · Review key concepts with exam preparation tasks · Learn from more than two hours of video mentoring CCNP and CCIE Data Center Core DCCOR 350-601 Official Cert Guide is a best-of-breed exam study guide. Expert authors Somit Maloo and Firas Ahmed share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test-preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. The book also contains more than two hours of personal video mentoring from the Pearson IT Certification Complete Video Course. Go to the back pages of your eBook for instructions on how to access the personal video mentoring content. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will help you succeed on the exam the first time. This official study guide helps you master all the topics on the CCNP/CCIE Data Center Core DCCOR 350-601 exam, including · Network · Compute · Storage Network · Automation · Security

Automated Machine Learning Apr 15 2022 This open access book presents the first comprehensive overview of general methods in Automated Machine Learning (AutoML), collects descriptions of existing systems based on these methods, and discusses the first series of international challenges of AutoML systems. The recent success of commercial ML applications and the rapid growth of the field has created a high demand for off-the-shelf ML methods that can be used easily and without expert knowledge. However, many of the recent machine learning successes crucially rely on human experts, who manually select appropriate ML architectures (deep learning architectures or more traditional ML workflows) and their hyperparameters. To overcome this problem, the field of AutoML targets a progressive automation of machine learning, based on principles from optimization and machine learning itself. This book serves as a point of entry into this quickly-developing field for researchers and advanced students alike, as well as providing a reference for practitioners aiming to use AutoML in their work.

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