

Developing Web Applications By Ralph Moseley

Secrets of wealth building are revealed in the book, *Count Your Beans!!* William D. Danko, co-author of the New York Times best seller, *The Millionaire Next Door*, says that everyone should read this book! Learn a behavior modification approach and take the journey to reach and sustain your desired financial comfort zone. Learn how to successfully navigate the camouflaged pathway that so many have followed to enhance their financial wellbeing. Readers of this book have an opportunity to become dynamically engaged wealth generating participants. Everyone should read, *Count Your Beans!!*

Silviculture: Concepts and Applications reflects a belief that all the tools of silviculture have a useful role in modern forestry. Through careful analysis and creative planning, foresters can address a wide array of commodity and nonmarket interests and opportunities while maintaining dynamic and resilient forests. A landowner's needs, circumstances, and site conditions guide a silviculturist's judgment and decision making in finding the best ways to integrate the biologic-ecologic, economic-financial, and managerial-administrative requirements at hand. The Third Edition of this influential text provides a foundational basis for rigorous discussion of techniques. The inclusion of numerous real-world examples and balanced coverage of past and current practices broadens the concept of silviculture and the ways that managers can use it to address both traditional and emerging interests in forests. A thorough discussion of new and proven interpretations increasingly directs the attention of foresters toward the role silviculture plays in creating, maintaining, rehabilitating, and restoring forests that can sustain an expanding variety of ecosystem services.

"If you want to better understand how today's headlines might be fulfilling biblical prophecy, then read this book... This book will help ensure that your faith is built on Christ alone and the assurance of spending eternity with Him, not the sometimes-scary flow of history. You will also get a complete education on Islam and its possible role in the End Times." Joel Richardson New York Times bestselling author and internationally recognized teacher *Arab Spring, Christian Winter* will help you tie newspaper headlines to your scriptural knowledge of the Last Days. Ralph Stice draws a clear link between the Arab Spring and the rise of a worldwide power that appears to be ushering in the coming Antichrist. This book will also show you what you need to watch for in tomorrow's news and guide you on how to fortify your faith for stormy days ahead. The Western Church has much to learn from Christian brothers and sisters in the Middle East. Familiar Scripture passages are unfolding with new clarity to believers everywhere. Learn: · Why the Arab Spring had to happen to fulfill scriptural prophecy · How the Arab Spring led to the unleashing of pure Islam · Which nation could be the crucial link between East and West and produce an Antichrist figure · The responses of Middle Eastern Christians to intense persecution and what we Western believers can learn from them Fear not! He will never leave us nor forsake us (Hebrews 13:5). We will discover Jesus in a fresh way when we face true persecution. How will your faith withstand the great distress, unequalled from the beginning of the world until now—and never to be equaled again (Matthew 24:21)? Brothers and sisters in Christ are facing this reality every day, right now.

Where To Download Developing Web Applications By Ralph Moseley

New startups are created every day around the world, with many founders dreaming of millions of users and billions of dollars. But the harsh reality is that very few will succeed. How can entrepreneurs stack the odds in their favor? By learning from the experiences of startup founders, executives, and investors who've been there before. That's exactly what "How to Start a Startup" provides, sharing essential lessons from 25+ Silicon Valley insiders who've faced the challenges of starting a new business and come out swinging. Based on a Stanford University course taught by Y Combinator (the prestigious startup accelerator behind companies like Dropbox and Airbnb), this in-depth reference guide features advice from experts like: - Reid Hoffman, LinkedIn co-founder - Dustin Moskovitz, Facebook co-founder - Paul Graham, Y Combinator co-founder - Marc Andreessen and Ben Horowitz, co-founders of Netscape and Andreessen Horowitz venture capital firm - Peter Thiel, co-founder of PayPal and Founders Fund, early Facebook investor - Ben Silbermann, Pinterest co-founder and CEO Nominated as "Book of the Year" by Product Hunt (the leading Silicon Valley community for discovering the best new products), "How to Start a Startup" reveals the secrets to raising money, building products users love, hiring a great team, getting press coverage, attracting customers, growing your business, and more. No matter what type of product you're creating (web, mobile, hardware, online-to-offline, etc.) or what audience you're targeting (consumers or the enterprise), this playbook will give you all the information necessary to launch and scale a successful startup. This book was created independently by the publishers and all net proceeds will go to support charitable causes promoting wider access to opportunity for all.

Discover the properties and real-world applications of the Fibonacci and the Catalan numbers With clear explanations and easy-to-follow examples, Fibonacci and Catalan Numbers: An Introduction offers a fascinating overview of these topics that is accessible to a broad range of readers. Beginning with a historical development of each topic, the book guides readers through the essential properties of the Fibonacci numbers, offering many introductory-level examples. The author explains the relationship of the Fibonacci numbers to compositions and palindromes, tilings, graph theory, and the Lucas numbers. The book proceeds to explore the Catalan numbers, with the author drawing from their history to provide a solid foundation of the underlying properties. The relationship of the Catalan numbers to various concepts is then presented in examples dealing with partial orders, total orders, topological sorting, graph theory, rooted-ordered binary trees, pattern avoidance, and the Narayana numbers. The book features various aids and insights that allow readers to develop a complete understanding of the presented topics, including: Real-world examples that demonstrate the application of the Fibonacci and the Catalan numbers to such fields as sports, botany, chemistry, physics, and computer science More than 300 exercises that enable readers to explore many of the presented examples in greater depth Illustrations that clarify and simplify the concepts Fibonacci and Catalan Numbers is an excellent book for courses on discrete mathematics, combinatorics, and number theory, especially at the undergraduate level. Undergraduates will find the book to be an excellent source for independent study, as well as a source of topics for research. Further, a great deal of the material can also be used for enrichment in high school courses.

This book deals with experience management in the context of real-world applicability and realistic applications. A particular focus

is given by the requirements that arise in complex problem solving and by the fact that modern experience management must be implemented as Internet-based applications. Concrete application areas that are discussed in this book are electronic commerce, diagnosis of complex technical equipment, and electronic design reuse. This book explores how experience management can be supported by information technology, especially by techniques that stem from knowledge-based systems, case-based reasoning, machine learning, and process modeling. It surveys different methods in a unified terminology and investigates them with respect to application requirements. Further, the process of application development and maintenance is highlighted, pointing out successful practically proven ways for obtaining and operating experience management applications.

The best way to improve your quality of life is through the decisions you make. This book teaches several fundamental decision-making skills, provides numerous applications and examples, and ultimately nudges you toward smarter decisions. These nudges frame more desirable decisions for you to face by identifying the objectives for your decisions and generating superior alternatives to those initially considered. All of the nudges are based on psychology and behavioral economics research and are accessible to all readers. The new concept of a decision opportunity is introduced, which involves creating a decision that you desire to face. Solving a decision opportunity improves your life, whereas resolving a decision problem only restores the quality of your life to that before the decision problem occurred. We all can improve our decision-making and reap the better quality of life that results. This book shows you how.

In this era where data and voice services are available at a push of a button, service providers have virtually limitless options for reaching their customers with value-added services. The changes in services and underlying networks that this always-on culture creates make it essential for service providers to understand the evolving business logic and appropriate support systems for service delivery, billing, and revenue assurance. Supplying an end-to-end understanding of telecom management layers, *Fundamentals of EMS, NMS and OSS/BSS* is a complete guide to telecom resource and service management basics. Divided into four sections: Element Management System, Network Management System, Operation/Business Support Systems, and Implementation Guidelines, the book examines standards, best practices, and the industries developing these systems. Each section starts with basics, details how the system fits into the telecom management framework, and concludes by introducing more complex concepts. From the initial efforts in managing elements to the latest management standards, the text: Covers the basics of network management, including legacy systems, management protocols, and popular products Deals with OSS/BSS—covering processes, applications, and interfaces in the service/business management layers Includes implementation guidelines for developing customized management solutions The book includes chapters devoted to popular market products and contains case studies that illustrate real-life implementations as well as the interaction between management layers. Complete with detailed references and lists of web resources to keep you current, this valuable resource supplies you with the fundamental understanding and the tools required to begin developing telecom management solutions tailored to your customer's needs.

In *Self-Reliance*, Emerson expounds on the importance of trusting your soul, as well as divine providence, to carve out a life. A firm believer in nonconformity, Emerson celebrates the individual and stresses the value of listening to the inner voice unique to each of us—even when it defies society's expectations. This new 2019 edition of *Self-Reliance* from Logos Books includes *The American Scholar*, a stirring speech of

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Emerson's, as well as footnotes and images throughout.

This set is based on a popular children's building set we all grew up with. I always thought they would make an excellent basis for building birdhouses and feeders. The plans have been tailored to use inexpensive dimensional cedar available at any home center. Cedar is naturally insect and weather resistant, and the building set design allows for making the feeder and birdhouse shown in the plans, or any design you can build with the logs. Full color, 33 pages including measured drawings, jig plans and a bird chart to help you attract the birds you want to.

Lean User Testing A Pragmatic Step-by-Step Guide to User Tests If you believe in agile software development and delivering value to your customers and your company, reading this book is the right decision as it will greatly support your process to identify and create valuable, feasible and usable products. "We Know What We Need to Build" Who hasn't yet heard that dreaded, gut feeling-based notion in the past? To my experience, it is rarely valid, but more often an expression of an outdated thinking, that values output over outcome, that believes in requirement documents and micromanaging the product team. This book, however, is dedicated to completely different approach, that Steve Blank once wrapped up in his famous quote: There are No Facts Inside Your Building - Get Outside." And you should do so as early as possible in the process -it is the most important task of any product team. This book is therefore a deliberately short, focused, pragmatic manual for everyone, who designs, develops or markets software: Product manager, engineers and designers (UX/UI). It is based on hundreds of user interviews that I have run up to now and provides all you need to know to start your own user interview initiative in about two hours of your time. Save up to 90% of Typical User Interview Costs And there is more good news: The lean user testing approach will save up to 90% of the costs compared to outsourcing user interviews to a professional usability agency, but will return at least 80% of possible insights. Avoid Building Expensive Features Nobody Wants No more flying blind in the early stages: Test your hypotheses quickly and turn product discovery into your advantage over the competition. Learn how to avoid wasting money on software nobody wants and how to deliver value instead. Obsolete features aren't just expensive to build. They also need to be maintained and probably be removed at a later stage again, not to mention their opportunity costs: Imagine what you could have built instead. Gain More Runway for Your Startup Optimizing the cycle-time of your product hypotheses will focus available engineering and product management resources on valuable, usable and feasible features, thus extending your runway and improving your standing for the next funding round. Improve Communication with Stakeholders User tests greatly simplify the communication with stakeholders - theinterviews, you will be running, are your product organization's first line of defense when it comes to turning down unreasonable feature requests. About the Author The author has worked for many years as a product manager and agile coach (Scrum, Lean Startup, Lean Change). During that time, he developed B2C as well as B2B software, mainly for startups, including a former Google subsidiary. He originally studied chemistry, business administration, and law. However, he has never worked in a laboratory. Instead, back in 1996, he released the first online shop software with SAP R/3 connectivity, only to learn that the early bird does not necessarily catch the worm. After his move to Berlin, Germany, he founded a marketplace for local service. In 2011, Entrepreneurs Club Berlin e.V. followed, as did Startup Camp Berlin- one of the largest German startup conferences today. His latest project, Age Of Product - Invent For Your Customers, focuses on the exchange of knowledge between product people, designers, and developers. It is about lessons learned and best practices on how to identify which product to build and how to build it in an efficient way. Age Of Product will host events and workshops in Berlin from autumn 2015 on and might also organize a new conference in the near future."

The current work provides CIOs, software architects, project managers, developers, and cloud strategy initiatives with a set of architectural patterns that offer nuggets of advice on how to achieve common cloud computing-related goals. The cloud computing patterns capture

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knowledge and experience in an abstract format that is independent of concrete vendor products. Readers are provided with a toolbox to structure cloud computing strategies and design cloud application architectures. By using this book cloud-native applications can be implemented and best suited cloud vendors and tooling for individual usage scenarios can be selected. The cloud computing patterns offer a unique blend of academic knowledge and practical experience due to the mix of authors. Academic knowledge is brought in by Christoph Fehling and Professor Dr. Frank Leymann who work on cloud research at the University of Stuttgart. Practical experience in building cloud applications, selecting cloud vendors, and designing enterprise architecture as a cloud customer is brought in by Dr. Ralph Retter who works as an IT architect at T-Systems, Walter Schupeck, who works as a Technology Manager in the field of Enterprise Architecture at Daimler AG, and Peter Armitter, the former head of T Systems' cloud architecture and IT portfolio team and now working for Microsoft. Voices on Cloud Computing Patterns Cloud computing is especially beneficial for large companies such as Daimler AG. Prerequisite is a thorough analysis of its impact on the existing applications and the IT architectures. During our collaborative research with the University of Stuttgart, we identified a vendor-neutral and structured approach to describe properties of cloud offerings and requirements on cloud environments. The resulting Cloud Computing Patterns have profoundly impacted our corporate IT strategy regarding the adoption of cloud computing. They help our architects, project managers and developers in the refinement of architectural guidelines and communicate requirements to our integration partners and software suppliers. Dr. Michael Gorriz – CIO Daimler AG Ever since 2005 T-Systems has provided a flexible and reliable cloud platform with its “Dynamic Services”. Today these cloud services cover a huge variety of corporate applications, especially enterprise resource planning, business intelligence, video, voice communication, collaboration, messaging and mobility services. The book was written by senior cloud pioneers sharing their technology foresight combining essential information and practical experiences. This valuable compilation helps both practitioners and clients to really understand which new types of services are readily available, how they really work and importantly how to benefit from the cloud. Dr. Marcus Hacke – Senior Vice President, T-Systems International GmbH This book provides a conceptual framework and very timely guidance for people and organizations building applications for the cloud. Patterns are a proven approach to building robust and sustainable applications and systems. The authors adapt and extend it to cloud computing, drawing on their own experience and deep contributions to the field. Each pattern includes an extensive discussion of the state of the art, with implementation considerations and practical examples that the reader can apply to their own projects. By capturing our collective knowledge about building good cloud applications and by providing a format to integrate new insights, this book provides an important tool not just for individual practitioners and teams, but for the cloud computing community at large. Kristof Kloeckner – General Manager, Rational Software, IBM Software Group

Express.js Web App Development with Node.js Framework This book is an exploration of ExpressJS. It begins by defining what ExpressJS is and what it helps developers with. The book then explores the process of error handling in ExpressJS. You will learn how to handle the unseen errors in programs which might cause them to crash. The book will guide you on how to connect your application, which is a web application, to a database, particularly in MongoDB. This means that you will be in a position to create a complete website, having a database on your own. The express application generator tool is explored in detail, thus, you will learn how to use it for the purpose of development of your apps. The book will guide you on how to use the middleware. The different types of middleware are discussed in this section, explaining in detail how to work with them. The use of template engines with Express is also explored, including how to use the templates and be in a position to develop new ones for your use. The Express process manager is also covered, as well as the proxies for Express. have also been

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discussed. Further, debugging is explored, as well as migration of an application from Express 3 to Express 4. Here is a preview of what you'll learn: Definition Error Handling Establishing a connection to the Database Express Application Generator Using the Express Middleware Use of Template Engines with Express and much more Download your copy of "How to draw awesome manga pictures" by scrolling up and clicking "Buy Now With 1-Click" button.

Perfect for the one-term course, Web-Based Application Development present an introduction to concepts, theories, practices, languages, and tools used to develop applications for the World Wide Web. It provides coverage of the important fundamentals of Web applications while providing the coverage of programming and technology necessary to apply these ideas and put them into practice. In addition to presenting the language and tools found in most texts, Web-Based Application Development goes beyond and includes networking, architecture, security, reliability, and other important concepts and theories necessary today.

Explains the features of the .NET platform and offers an introduction to Visual Basic.NET, ADO.NET, XML Web services, and provides an in-depth look at ASP.NET, discussing language, design, data services, and implementation.

Wetland and Stream Rapid Assessments: Development, Validation, and Application describes the scientific and environmental policy background for rapid wetland and stream assessments, how such assessment methods are developed and statistically verified, and how they can be used in environmental decision-making—including wetland and stream permitting. In addition, it provides several case studies of method development and use in various parts of the world. Readers will find guidance on developing and testing such methods, along with examples of how these methods have been used in various programs across North America. Rapid wetland and stream functional assessments are becoming frequently used methods in federal, state and local environmental permitting programs in North America. Many governments are interested in developing new methods or improving existing methods for their own jurisdictions. This book provides an ideal guide to these initiatives. Offers guidance for the use and evaluation of rapid assessments to developers and users of these methods, as well as students of wetland and stream quality Contains contributions from sources who are successful in academia, industry and government, bringing credibility and relevance to the content Includes a statistically-based approach to testing the validity of the rapid method, which is very important to the usefulness and defensibility of assessment methods

On October 17, 2014, spurred by incidents at U.S. government laboratories that raised serious biosafety concerns, the United States government launched a one-year deliberative process to address the continuing controversy surrounding so-called "gain-of-function" (GOF) research on respiratory pathogens with pandemic potential. The gain of function controversy began in late 2011 with the question of whether to publish the results of two experiments involving H5N1 avian influenza and continued to focus on certain research with highly pathogenic avian influenza over the next three years. The heart of the U.S. process is an evaluation of the potential risks and benefits of certain types of GOF experiments with influenza, SARS, and MERS viruses that would inform the development and adoption of a new U.S. Government policy governing the funding and conduct of GOF research. Potential Risks and Benefits of Gain-of-Function Research is the summary of a two-day public symposia on GOF research. Convened in December 2014 by the Institute of Medicine and the National Research Council, the main focus of this event was to discuss principles important for, and key considerations in, the design of risk and benefit assessments of GOF research. Participants examined the underlying scientific and technical questions that are the source of current discussion and debate over GOF research involving pathogens with pandemic potential. This report is a record of the presentations and discussion of the meeting.

A catalog of solutions to commonly occurring design problems, presenting 23 patterns that allow designers to create flexible and reusable

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designs for object-oriented software. Describes the circumstances in which each pattern is applicable, and discusses the consequences and trade-offs of using the pattern within a larger design. Patterns are compiled from real systems, and include code for implementation in object-oriented programming languages like C++ and Smalltalk. Includes a bibliography. Annotation copyright by Book News, Inc., Portland, OR

The software development ecosystem is constantly changing, providing a constant stream of new tools, frameworks, techniques, and paradigms. Over the past few years, incremental developments in core engineering practices for software development have created the foundations for rethinking how architecture changes over time, along with ways to protect important architectural characteristics as it evolves. This practical guide ties those parts together with a new way to think about architecture and time.

When Zane and Megan crack the Secnet, they stumble across Project Net Rider. The awesome Cyber Warfare program immerses the user in virtual reality, and has a netbike to infiltrate any computer in the new global network. But the software is dangerous and in the wrong hands, capable of unlimited destruction. So when the Underground's most notorious hacker steals a copy, the entire world is threatened. And the two friends have to risk everything to stop him.

In 1949, a small book had a big impact on education. In just over one hundred pages, Ralph W. Tyler presented the concept that curriculum should be dynamic, a program under constant evaluation and revision. Curriculum had always been thought of as a static, set program, and in an era preoccupied with student testing, he offered the innovative idea that teachers and administrators should spend as much time evaluating their plans as they do assessing their students. Since then, *Basic Principles of Curriculum and Instruction* has been a standard reference for anyone working with curriculum development. Although not a strict how-to guide, the book shows how educators can critically approach curriculum planning, studying progress and retooling when needed. Its four sections focus on setting objectives, selecting learning experiences, organizing instruction, and evaluating progress. Readers will come away with a firm understanding of how to formulate educational objectives and how to analyze and adjust their plans so that students meet the objectives. Tyler also explains that curriculum planning is a continuous, cyclical process, an instrument of education that needs to be fine-tuned. This emphasis on thoughtful evaluation has kept *Basic Principles of Curriculum and Instruction* a relevant, trusted companion for over sixty years. And with school districts across the nation working feverishly to align their curriculum with Common Core standards, Tyler's straightforward recommendations are sound and effective tools for educators working to create a curriculum that integrates national objectives with their students' needs.

Get started fast with jQuery web programming The jQuery JavaScript library greatly simplifies the creation of modern, rich web applications, while seamlessly integrating with virtually all leading web development platforms and frameworks. Learning jQuery will guide you through using jQuery, jQuery UI, and jQuery Mobile in your own projects. One step at a time, you'll learn how to do everything from adding simple effects through building complete rich Internet applications. This code-rich tutorial is designed for every working web developer. After clearly explaining all the basics, Ralph Steyer shows how to apply jQuery to create effects, animations, slideshows, lists, drag-and-droppable elements, interactive forms, and much more. If you're a web developer with even basic JavaScript experience, Learning jQuery is your fastest route to success with jQuery

- Discover what jQuery can do, and how it works with JavaScript and DOM
- Select components to support dynamic processes
- Manipulate web page content and structure
- Apply and change formatting

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with CSS style sheets through jQuery • Handle complex events more effectively and reliably • Generate time-dependent and time-independent CSS effects • Expand jQuery's capabilities with plug-ins • Use jQuery to create simpler, better, more powerful AJAX code • Master powerful, flexible jQuery UI plug-ins for visual control and user interaction • Simplify the creation of jQuery UI interfaces with ThemeRoller • Master basic rules for successfully working with components and widgets • Construct touch-enabled mobile front ends with jQuery Mobile

An effective program for preparing to take the TOEFL (Test of English as a Foreign Language) exam, especially for Spanish speakers. Ideal for group or self -study. Answer key is included in this edition. An advanced grammar course, appropriate for pre-iBT, ITP paper-based TOEFL prep and English Teacher Training. Here, for the first time, a unique approach to preparing to take the TOEFL exam--especially for Spanish speakers. Focused on the Grammar section with five steps, this program also includes strategies for the Listening Comprehension section, guidelines for success in the Reading section, and expert tips and sample topics for the iBT Written Essay. Includes useful appendices for reference. To see useful Amazon book reviews, kindly refer to the listing for "TOEFL Prep for Spanish Speakers", the original book on which this title is based. For info. on all 12 titles in this series, visit www.5steptoeflprep.com.

Web-Based Application Development present an introduction to the concepts, theories, practices, languages, and tools used to develop applications for the World Wide Web. It explores the important fundamentals of Web applications while also introducing the programming and technology necessary to put these ideas into practice. This book goes beyond presenting the languages and tools found in other texts by including networking, architecture, security, reliability, and other important concepts and theories necessary for today's web applications. Ideal for novice programmers looking to master the basic skills critical for a successful career in web development, Web-Based Application Development provides broad coverage of the topics coupled with hands-on, active-learning exercises in one, must-have resource. Every new copy of Web-Based Application Development includes a resource CD-ROM that includes: examples (source code); figures (color screen shots and source code); MyWebApp source code; MVCWebApp source code; case study; and "how-to's" for Tomcat, Ant, MySQL, and NetBeans

jQuery simplifies building rich, interactive web frontends. Getting started with this JavaScript library is easy, but it can take years to fully realize its breadth and depth; this cookbook shortens the learning curve considerably. With these recipes, you'll learn patterns and practices from 19 leading developers who use jQuery for everything from integrating simple components into websites and applications to developing complex, high-performance user interfaces. Ideal for newcomers and JavaScript veterans alike, jQuery Cookbook starts with the basics and then moves to practical use cases with tested solutions to common web development hurdles. You also get recipes on advanced topics, such as methods

for applying jQuery to large projects. Solve problems involving events, effects, dimensions, forms, themes, and user interface elements Learn how to enhance your forms, and how to position and reposition elements on a page Make the most of jQuery's event management system, including custom events and custom event data Create UI elements-such as tabs, accordions, and modals-from scratch Optimize your code to eliminate bottlenecks and ensure peak performance Learn how to test your jQuery applications The book's contributors include: Cody Lindley James Padolsey Ralph Whitbeck Jonathan Sharp Michael Geary and Scott González Rebecca Murphey Remy Sharp Ariel Flesler Brian Cherne Jörn Zaefferer Mike Hostetler Nathan Smith Richard D. Worth Maggie Wachs, Scott Jehl, Todd Parker, and Patty Toland Rob Burns

Users can dramatically improve the design, performance, and manageability of object-oriented code without altering its interfaces or behavior. "Refactoring" shows users exactly how to spot the best opportunities for refactoring and exactly how to do it, step by step.

Adsorption promises to play an integral role in several futureenergy and environmental technologies, including hydrogen storage,CO removal for fuel cell technology, desulfurization oftransportation fuels, and technologies for meeting higher standardson air and water pollutants. Ralph Yang's Adsorbents provides asingle and comprehensive source of knowledge for all commercial andnew sorbent materials, presenting the fundamental principles forthier syntheses, their adsorption properties, and their present andpotential applications for separation and purification. Chaptertopics in this authoritative, forward-looking volume include: - Formulas for calculating the basic forces or potentials foradsorption - Calculation of pore-size distribution from a single adsorptionisotherm - Rules for sorbent selection - Fundamental principles for syntheses/preparation, adsorptionproperties, and applications of commercially availablesorbents - Mesoporous molecular sieves and zeolites -₂-complexation sorbents and their applications - Carbon nanotubes, pillared clays, and polymeric resins Yang covers the explosion in the development of new nanoporousmaterials thoroughly, as the adsorption properties of some of thesematerials have remained largely unexplored. The whole of this bookbenefits from the new adsorbent designs made possible by theincrease in desktop computing and molecular simulation, makingAdsorbents useful to both practicing laboratories and graduateprograms. Ralph Yang's comprehensive study contributessignificantly to the resolution of separation and purificationproblems by adsorption technologies.

This book is all about how to harness your hidden potentials and a few simple steps that you have to follow to be successful in life. I'm definitely not going to say that if you follow everything in this book you will be the next Bill Gates, but just that this book will definitely help you to a great extent and will definitely help you to achieve whatever you want to in your life. This book consists of chapters based on harnessing the hidden potentials of your brain and how to be

successful in life. The first two chapters are about the ways to harness your hidden potential, improving the productivity of your brain and mind mapping. The next three chapters are about personal development, easy steps to create lasting changes and how to achieve your goals. Simple and easy steps to do what the title suggests follow in the respective chapters. Everything that is suggested by me is very simple and not at all complicated. You will definitely come to know about it when you read the book. So I guess it's time to jump into this book and have a great swim and come out of it with an awesome experience. Thank You.

DEVELOPING WEB APPLICATIONS

This book is a uniquely pedagogical while still comprehensive state-of-the-art description of LCA-methodology and its broad range of applications. The five parts of the book conveniently provide: I) the history and context of Life Cycle Assessment (LCA) with its central role as quantitative and scientifically-based tool supporting society's transitioning towards a sustainable economy; II) all there is to know about LCA methodology illustrated by a red-thread example which evolves as the reader advances; III) a wealth of information on a broad range of LCA applications with dedicated chapters on policy development, prospective LCA, life cycle management, waste, energy, construction and building, nanotechnology, agrifood, transport, and LCA-related concepts such as footprinting, ecolabelling, design for environment, and cradle to cradle. IV) A cookbook giving the reader recipes for all the concrete actions needed to perform an LCA. V) An appendix with an LCA report template, a full example LCA report serving as inspiration for students who write their first LCA report, and a more detailed overview of existing LCIA methods and their similarities and differences.

Describes recent thinking on interactive development across the spectrum of competency domains within the individual.

Market_Desc: Both undergraduate and masters course students taking modules with titles such as Website Development and Internet Programming. Programmers migrating to the web and general readership interested in developing applications which spread over several technologies. Special Features: · Students will need little previous programming experience.· Includes HTML, CSS and Cookies/Session, JavaScript, DHTML, XML and XSL/T.· Also includes strong and timely coverage of new and important areas such as PHP5, MySQL and mobile technologies.· Focuses on open source and freely available software for use, including Apache server, PHP and MySQL.· Defines the surrounding context allowing students to see how the technologies fit together rather than existing as isolated units.· Strong pedagogical features including workshops and exercises, ultimately leading to the creation of a number of applications at the book's end, which depend upon the student's ingenuity to complete.· Encourages a creative rather than a formal approach to developing applications.· Includes topics such as Website Design Issues, Planning a Website Navigation.· A chapter introducing CGI and Perl Programming. About The Book: Developing Web Applications presents script writing and good programming practice but also allows students to see how the individual technologies fit together. It includes recent technical developments to provide a practical and modern introduction to building web applications. Assuming no

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prior programming experience, this concise, accessible book ensures that essential concepts on the client side are quickly grasped, and goes on to examine the server environment and available languages, including discussion of dynamic, modern scripting languages such as PHP. Network and security issues are also discussed. The aim of this book is to deliver exactly what is needed to start producing working applications as soon as possible -- and have fun along the way. Ideal for course use or self-study, this book includes practical suggestions for mini-projects which encourage the reader to explore his or her own imaginative solutions, as well as more theoretical end-of-chapter questions. It can also easily be used as a reference work as each section is self-contained, amplifying the key aspects of its particular topic. Most software covered is freely available in the public domain and no particular development environments are required. It is a direct, contemporary and extremely useful resource for anyone interested in learning how to program applications for the World Wide Web.

The data warehousing bible updated for the new millennium Updated and expanded to reflect the many technological advances occurring since the previous edition, this latest edition of the data warehousing "bible" provides a comprehensive introduction to building data marts, operational data stores, the Corporate Information Factory, exploration warehouses, and Web-enabled warehouses. Written by the father of the data warehouse concept, the book also reviews the unique requirements for supporting e-business and explores various ways in which the traditional data warehouse can be integrated with new technologies to provide enhanced customer service, sales, and support--both online and offline--including near-line data storage techniques.

The first part of this book describes a trip to Canada. The second part comprises Slavery in Massachusetts; Prayers; Civil Disobedience; A Plea for Captain John Brown; Paradise (to be) Regained; Herald of Freedom; Thomas Carlyle & His Works; Life without Principle; Wendel Phillips before the Concord Lyceum; the Last Days of John Brown.

Learn to design and deploy fully functioning microservices for your applications from scratch using Swift, Docker, and AWS Key Features Understand server-side Swift development concepts for building your first microservice Build microservices using Vapor 4 and deploy them to the cloud using Docker Learn effective techniques for enhancing maintainability and stability of your Swift applications Book Description The capabilities of the Swift programming language are extended to server-side development using popular frameworks such as Vapor. This enables Swift programmers to implement the microservices approach to design scalable and easy-to-maintain architecture for iOS, macOS, iPadOS, and watchOS applications. This book is a complete guide to building microservices for iOS applications. You'll start by examining Swift and Vapor as backend technologies and compare them to their alternatives. The book then covers the concept of microservices to help you get started with developing your first microservice. Throughout this book, you'll work on a case study of writing an e-commerce backend as a microservice application. You'll understand each microservice as it is broken down into details and written out as code throughout the book. You'll also become familiar with various aspects of server-side development such as scalability, database options, and information flow for microservices that are unwrapped in the process. As you advance, you'll get to grips with microservices testing and see how it is different from testing a monolith application. Along the way, you'll explore tools such as Docker, Postman, and Amazon Web

Where To Download Developing Web Applications By Ralph Moseley

Services. By the end of the book, you'll be able to build a ready-to-deploy application that can be used as a base for future applications. What you will learn Grasp server-side Swift development concepts using practical examples Understand the microservices approach and why Swift is a great choice for building microservices Design and structure mobile and web applications using microservices architecture Discover the available database options and understand which one to choose Scale and monitor your microservices Use Postman to automate testing for your microservices API Who this book is for The book is for iOS, iPadOS, and macOS developers and Swift programmers who want to understand how Swift can be used for building microservices. The book assumes familiarity with Swift programming and the fundamentals of the web, including how APIs work.

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