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The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 100 questions and answers for job interview and as a BONUS web addresses to 230 video movies for a better understanding of the technological process. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry.

This book is a step-by-step guide and a hands-on co-piloted experience for those trying to make Drupal powered websites work for them, and for their clients. Much more than a "tutorial", what is needed is a nuts-and-bolts living mentor and guide which really shows the reader how to do the things really required for bringing it all together in a site which works. This will be the only book covering all the difficult components of Drupal: views, panels, themes, content creation, etc. The book will cover: How to upgrade your hopelessly outdated and obsolete-software dependent site and bring it into the Drupal mainstream and future How to become a great Drupal themer and make "non-Drupal" looking sites How to really customize Drupal for your real needs How to start using best practices in Drupal web application development How to work like the pro Drupal shops and be ready for big projects - and small ones Learn by example (code samples, theme samples, videos) at every step This book introduces remote sensing and control with the Arduino microcontroller. Colour illustrations are used throughout along with sample code. The experiments are developed in easy to follow stages and use a specially written library that greatly simplifies the coding. A companion website is available for code and resources. This book is a collection of notes and sample codes written by the author while he was learning Linux applications. Topics include using managing users and groups; managing files and directories; managing Apache Web server and SquirrelMail; managing MySQL server; developing Python and PHP scripts; using GCC C/C++ compilers; running graphical applications on GNOME desktop and X11 servers; running Conda - Environment and Package Manager. Updated in 2023 (Version v1.02) with minor updates. For latest updates and free sample chapters, visit <https://www.herongyang.com/Linux-Apps>. With this book, web developers can build engaging and interactive sites and applications using Microsoft's latest web development tools -- ASP.NET 2.0 and the new ASP.NET AJAX framework. You learn to create applications that have all the great tricks you see on popular commercial web sites, such as order forms and the ability to interact with a database. And you can build pages that display information interactively without a page refresh. This straightforward tutorial explains how. Learning ASP.NET 2.0 with AJAX helps you master the concepts and techniques of Microsoft's tools with plenty of annotated examples, review quizzes, web construction exercises and chapter summaries, so you can practice new skills and test your understanding as you go. With it, you'll learn to: Master the fundamental skills of ASP.NET 2.0 to build professional quality web applications Integrate new Ajax tools and CSS with ASP.NET 2.0 for flashier and more interactive sites Build applications with minimal coding using Visual Studio or its free counterpart, Visual Web Developer Connect your site with a database so that users can retrieve, interact and save data Debug your application, deal with unexpected problems, and protect your site from

malicious users Use the community-maintained ASP.NET AJAX Control Toolkit to extend the controls that come with ASP.NET AJAX Use personalization tools to give your site a customized look for each user Ideal for beginning web developers, or those who are new to ASP.NET, this book gets you involved with your own learning through hands-on lessons that are clear and to the point. You get the chance to try out new techniques on the spot. Want to join the world of modern web development? This book will get you started. The objective of this book is to give an insight into Android programming based on practical App projects. The Apps have different core focuses and hence one can extend and develop them further based on his/her Android knowledge. Thanks to active programming, the users will be quickly acquainted with the work environment and will learn how to solve problems in Android step-by-step. Android Studio, which is a completely new development environment, will be used for programming. Android For Beginners. Developing Apps Using Android Studio android studio live tutorial android studio tutorial offline android studio tutorial offline android studio tutorial android studio live tutorial android studio source code future sms android app future themes for android mobile future launcher android future themes for android mobile future themes for android mobile android future future launcher android future sms android app future themes for android mobile java 7 for android mobile java android app java browser for android java android compiler java to android converter code java android java compiler for android offline java android developer java for android free download java android emulator java editor in android mobile java editor for android java eclipse for android java para android en español java plugin for android java software for android java games for android java for android java emulator for android java android games java script android gratuit java script per android gratis java para android gratis java per android gratis java android ide java jdk for android mobile java jdk para android java android kostenlos learn android java java editor in android mobile java for android mobile java jdk for android mobile java 7 for android mobile notepad++ for android java java na android java support on android java on android java compiler for android offline java games on android java plugin for android java player for android java for android phone java per android java para android java runtime for android java android studio java software for android java support on android javascript android java script android français java android tutorial java to android converter java for android tablet java to android java android app java android tutorial java android games java android compiler java android studio There is no shortage of websites that use the PHP programming language in some or other capacity. PHP (Hypertext Preprocessor) is a server-side scripting language that allows you to create dynamically-generated web pages. Rasmus Lerdorf created PHP in 1994. PHP works in the backend of a website because it is a server-side technology. This is the

part of a website that no one sees. This means that PHP is frequently used to run server-side programs such as data collection and processing and database management. The fact that PHP is a simple language is one of the key reasons why learning it is a wise investment. PHP was created with the goal of speeding up web development; therefore, it features a basic syntax that is ideal for beginners. Furthermore, because PHP is a dynamically typed language, there are less restrictions to follow while creating features. The PHP programming language offers a wide range of applications and features, such as authentication, payments, user administration, and other "dynamic" aspects of a website. Efficiency, syntax compatibility, platform independence, error detection, and encryption are just a few of the interesting properties of PHP.

Why Should You Learn PHP? PHP developers work with the PHP programming language to create websites, applications, and programs. As a PHP developer, you'll usually be working in IT companies (all over the world), but there are also a lot of opportunities in design and business. A PHP developer, like any other programming/scripting language developer, should be able to work with many languages and ideally have some knowledge of database, web design, or some page formatting language.

This Book Offers:

- A step-by-step approach to problem solving and skill development
- A quick run-through of the basic concepts, in the form of a "Crash Course"
- Advanced, hands-on core concepts, with a focus on real-world problems
- Industry-level coding paradigms and a practice-oriented explanatory approach
- Special emphasis on writing clean and optimized code, with additional chapters focused on coding methodology

With its pre-coded modules, open source Joomla! is popular for building interactive Web sites without writing code. This Web site design tool lets you build sites with discussions, polling, RSS feeds, picture submissions, shopping carts, and a lot more, quickly and easily and the quickest, easiest way to learn how to use it is Joomla! For Dummies. Learn to link articles on your site with drop-down menus, invite visitors to rate content, enable a full-site search, let your guests sign up for e-mail lists, and much more. Joomla! For Dummies helps you to:

- Acquire the free Joomla! content management system, install it, and customize the home page
- See how menus control the elements in Joomla! and use menu items to create your page layout
- Use templates—powerful collections of PHP and CSS—to make your pages do what you want them to
- Create searches, polls, page menus, newsflashes, and banners using built-in Joomla! modules
- Build search engine-friendly sites and see how Joomla! can help boost site traffic
- Explore additional Joomla! templates and learn what to look for when downloading and installing them
- Check into plug-ins, components, and additional modules to see how they differ and what they can do
- Find modules for ads, archives, banners, searches, syndications, and more

Joomla! lets you concentrate on content instead of struggling with code. So grab Joomla! For Dummies and start creating! This open

access Brief introduces the basic principles of control theory in a concise self-study guide. It complements the classic texts by emphasizing the simple conceptual unity of the subject. A novice can quickly see how and why the different parts fit together. The concepts build slowly and naturally one after another, until the reader soon has a view of the whole. Each concept is illustrated by detailed examples and graphics. The full software code for each example is available, providing the basis for experimenting with various assumptions, learning how to write programs for control analysis, and setting the stage for future research projects. The topics focus on robustness, design trade-offs, and optimality. Most of the book develops classical linear theory. The last part of the book considers robustness with respect to nonlinearity and explicitly nonlinear extensions, as well as advanced topics such as adaptive control and model predictive control. New students, as well as scientists from other backgrounds who want a concise and easy-to-grasp coverage of control theory, will benefit from the emphasis on concepts and broad understanding of the various approaches. Designed to help learn how to use MATLAB and Simulink for the analysis and design of automatic control systems. Designed as a tutorial for beginners to DotNetNuke skinning, this book is packed with practical steps for you to try. Written in a clear, easy-to-read style this book will guide you through the most important tasks of working with DotNetNuke skins. This book is for web designers or developers who want to customize DNN sites, to bring a specific look and feel to them, and create more attractive user interfaces. This book is ideal for beginners to DotNetNuke skinning. You will need to know about the general operation of DotNetNuke and also have some familiarity with creating web pages. Familiarity with CSS and basic ASP.NET would be a bonus. Building ASP.NET Server Controls will be both a tutorial and a reference for the serious ASP.NET developer who understands the benefits of object-oriented development and wants to apply those principles to ASP.NET and server control development. It is important to note that this book is the most up-to-date book available. It covers the important new area of mobile server control development to support mobile phone web application development as well as using the latest version of Visual Studio .NET (2003) and the .NET Framework v1.1. This book is a collection of notes and sample codes written by the author while he was learning SOAP Web service. Topics include introduction of SOAP specifications; SOAP modules, features, and message structure; SOAP Message Exchange Patterns; Perl, PHP, and Java support of SOAP Web services; WS-Security, Username Token and X.509 Token; Signing and Encrypting SOAP messages; Using SoapUI for Web service testing. Updated in 2022 (Version v5.12) with minor updates. For latest updates and free sample chapters, visit <https://www.herongyang.com/Web-Services>. In a new approach, this is a closely focused work that gives you the insight of experienced developers about a single aspect of .NET programming. You

will find all the ingredients you can use to design state-of-the-art application interfaces. You will also delve into entirely new topics like custom control design and GDI+, the next-generation painting framework for Windows. The author goes beyond the basics and combines user interface design principles with practical guidelines for creating the next generation of software applications. The author covers three areas: 1) an overview of how to design elegant user interfaces the average user can understand; 2) a comprehensive examination of the user interface controls and classes in .NET. and 3) A tutorial with best practices and design tips for coding user interfaces and integrating help.

STATE FEEDBACK CONTROL AND KALMAN FILTERING WITH MATLAB/SIMULINK TUTORIALS

Discover the control engineering skills for state space control system design, simulation, and implementation State space control system design is one of the core courses covered in engineering programs around the world. Applications of control engineering include things like autonomous vehicles, renewable energy, unmanned aerial vehicles, electrical machine control, and robotics, and as a result the field may be considered cutting-edge. The majority of textbooks on the subject, however, lack the key link between the theory and the applications of design methodology. State Feedback Control and Kalman Filtering with MATLAB/Simulink Tutorials provides a unique perspective by linking state space control systems to engineering applications. The book comprehensively delivers introductory topics in state space control systems through to advanced topics like sensor fusion and repetitive control systems. More, it explores beyond traditional approaches in state space control by having a heavy focus on important issues associated with control systems like disturbance rejection, reference tracking, control signal constraint, sensor fusion and more. The text sequentially presents continuous-time and discrete-time state space control systems, Kalman filter and its applications in sensor fusion. State Feedback Control and Kalman Filtering with MATLAB/Simulink Tutorials readers will also find: MATLAB and Simulink tutorials in a step-by-step manner that enable the reader to master the control engineering skills for state space control system design and Kalman filter, simulation, and implementation An accompanying website that includes MATLAB code High-end illustrations and tables throughout the text to illustrate important points Written by experts in the field of process control and state space control systems State Feedback Control and Kalman Filtering with MATLAB/Simulink Tutorials is an ideal resource for students from advanced undergraduate students to postgraduates, as well as industrial researchers and engineers in electrical, mechanical, chemical, and aerospace engineering. Petrogav International provides courses for participants that intend to work on onshore oil and gas fields. Training courses are taught by professionals from the oil and gas industry with current knowledge and more than 25 years of field experience. The participants will get all

the necessary competencies to work on the onshore oil and gas fields. It is intended also for non-drilling and non-production personnel who work in drilling, exploration and production industry. This includes marine and logistics personnel, accounting, administrative and support staff, environmental professionals, etc. This course provides a non-technical overview of the phases, operations and terminology used on onshore oil and gas fields. It is intended also for non-production personnel who work in the onshore drilling, exploration and production industry. This includes marine and logistics personnel, accounting, administrative and support staff, environmental professionals, etc. No prior experience or knowledge of drilling operations is required. This course will provide participants a better understanding of the issues faced in all aspects of oil and gas field operations, with a particular focus on the unique aspects of onshore production operations. The Ruby on Rails 2.3 Tutorial teaches web development with Ruby on Rails, an open-source web framework that powers many of the web's top sites, including Twitter, Hulu, and the Yellow Pages. Ruby on Rails 2.3 Tutorial helps you learn Rails by example through the development of a substantial sample application, including a site layout, a user data model, a full registration and authentication system, user-status associations, social "following," and a feed of status updates. Ruby on Rails 2.3 Tutorial also teaches good software development practices, including version control with Git and GitHub, test-driven development with RSpec, and instant deployment with Heroku. Though of necessity the book focuses on a specific sample application, the emphasis throughout this book is on general principles, so you will have a solid foundation no matter what kind of web application you want to build. Designed to meet the needs of a wide audience without sacrificing mathematical depth and rigor, Adaptive Control Tutorial presents the design, analysis, and application of a wide variety of algorithms that can be used to manage dynamical systems with unknown parameters. Its tutorial-style presentation of the fundamental techniques and algorithms in adaptive control make it suitable as a textbook. Adaptive Control Tutorial is designed to serve the needs of three distinct groups of readers: engineers and students interested in learning how to design, simulate, and implement parameter estimators and adaptive control schemes without having to fully understand the analytical and technical proofs; graduate students who, in addition to attaining the aforementioned objectives, also want to understand the analysis of simple schemes and get an idea of the steps involved in more complex proofs; and advanced students and researchers who want to study and understand the details of long and technical proofs with an eye toward pursuing research in adaptive control or related topics. The authors achieve these multiple objectives by enriching the book with examples demonstrating the design procedures and basic analysis steps and by detailing their proofs in both an appendix and electronically available supplementary material;

online examples are also available. A solution manual for instructors can be obtained by contacting SIAM or the authors. Preface; Acknowledgements; List of Acronyms; Chapter 1: Introduction; Chapter 2: Parametric Models; Chapter 3: Parameter Identification: Continuous Time; Chapter 4: Parameter Identification: Discrete Time; Chapter 5: Continuous-Time Model Reference Adaptive Control; Chapter 6: Continuous-Time Adaptive Pole Placement Control; Chapter 7: Adaptive Control for Discrete-Time Systems; Chapter 8: Adaptive Control of Nonlinear Systems; Appendix; Bibliography; Index The book contains 256 questions and answers for job interview for hiring on onshore drilling rigs. "This book offers a critical review of current research in technology-supported education, focusing on the development and design of successful education programs, student success factors, and the creation and use of online courses"--Provided by publisher.

O'Reilly has once again updated its bestselling tutorial on ASP.NET, the world's leading web development tool from Microsoft. In *Programming ASP.NET, Third Edition*, authors Jesse Liberty and Dan Hurwitz give you the lowdown on the technology's latest version, ASP.NET 2.0, as well as Visual Studio 2005. Among the most significant improvements to ASP.NET 2.0 are new server controls and services that make you dramatically more productive. In fact, when compared to its predecessor, ASP.NET 2.0 reduces the amount of code you have to write by about 75%. Creating interactive web applications has never been easier-but that still doesn't mean it's hassle-free! The difficulty in ASP.NET 2.0 is that it's so complete and flexible that there are many pieces that must be woven together to build a robust, scalable, and efficient application. Fortunately, *Programming ASP.NET, Third Edition* is on the case, dispensing all the information you need to be effective with this dynamic tool. For starters, the book features a comprehensive tutorial on Web Forms, the user interface that gives web applications their look and feel. It then offers detailed explanations of all new controls, including web server controls, HTML controls, and custom controls. Used properly, these controls are able to take care of nearly all the foundation work-security, data access, layout, etc.-that you would normally have to write yourself. Free of these burdensome tasks, you can instead focus on your specific application. Other new material found in this updated edition even shows you how to create ASP.NET 2.0 pages for mobile devices. With *Programming ASP.NET, Third Edition* at your side, there's virtually no end to the programming possibilities. A comprehensive guide to programming for Access 2010 and 2007 Millions of people use the Access database applications, and hundreds of thousands of developers work with Access daily. Access 2010 brings better integration with SQL Server and enhanced XML support; this Wrox guide shows developers how to take advantage of these and other improvements. With in-depth coverage of VBA, macros, and other programming methods for building Access applications, this book also provides real-world code examples to

demonstrate each topic. Access 2010 Programmer's Reference is a comprehensive guide to the best-of-breed techniques for programming Access applications. Coverage Includes: Introduction to Microsoft Access 2010 New Features Upgrading and Converting to Access 2010 Macros in Access 2010 Using the VBA Editor VBA Basics Using VBA in Access Creating Classes in VBA Extending VBA with APIs Working with the Windows Registry Using DAO to Access Data Using ADO to Access Data Using SQL with VBA Using VBA to Enhance Forms Enhancing Reports with VBA Customizing the Ribbon Customizing the Office Backstage Working with Office 2010 Working with SharePoint Working with .NET Building Client-Server Applications with Access The Access 2010 Templates Access Runtime Deployment Database Security Access 2010 Security Features Learn ASP.NET in 1 Day serves as beginner guide for a crash course in ASP.NET development. The book contains tons of examples that prepare you for real-world development project. The books gives clear instructions for executing, tracing, testing, debugging, and managing ASP.NET code. This book will help you create a great looking website using ASP.net Here is what you will learn – Chapter 1: What is ASP.NET? and it's ARCHITECTURE 1. What is ASP.Net? 2. ASP.NET Architecture and its Components Chapter 2: ASP.NET Application & PAGE Life Cycle 1. What is ASP.Net Lifecycle? 2. What is ASP.Net Page Lifecycle? Chapter 3: ASP.NET First Program Example: Hello World Chapter 4: ASP.NET Controls: CheckBox, RadioButton, ListBox, Textbox, Label 1. Adding ASP.Net Controls to Web Forms 2. Label Control 3. Textbox 4. List box 5. RadioButton 6. Checkbox 7. Button 8. Event Handler in ASP.Net Chapter 5: ASP.NET Session Management Tutorial [Example] Chapter 6: ASP.NET Web Forms Tutorial: User Controls Examples 1. Create User Control in ASP.Net 2. Registering User Controls on a ASP.NET web forms 3. Registering asp.net controls globally in the web config configuration file asp 4. Adding public properties to a web control Chapter 7: Insert, Update, Delete: ASP.NET Database Connection Tutorial 1. Fundamentals of Database connectivity 2. ASP.NET Database Connections 3. ASP.NET Read Database using SqlDataReader 4. Insert Database Record using InsertCommand 5. Update Database Record using UpdateCommand 6. Delete Database Record using DeleteCommand 7. Connecting Asp.net Controls to Data Chapter 8: Asp.Net Page Level Tracing, Debugging, Error Handling [Example] 1. What is Debugging in ASP.NET? 2. What is Tracing in ASP.NET? 3. Page Level Tracing 4. Error Handling: Displaying a Custom Error Page 5. ASP.NET Unhandled Exception 6. ASP.NET Error logging Chapter 9: How to Host a Website on IIS: Setup & Deploy Web Application 1. How to Download and Install IIS 2. How to Deploy Website in IIS via File copy 3. How to Publish ASP.NET Website Chapter 10: UNIT TESTING in Asp.Net: Complete Tutorial 1. Introduction to testing for ASP.Net 2. Creating a .NET Unit Testing

Project 3. Running the Test Project Chapter 11: ASP.NET MVC Tutorial for Beginners 1. What is ASP.NET MVC? 2. Why ASP.net MVC? 3. Version History of MVC 4. Features of MVC 5. Things to remember while creating MVC Application 6. MVC architectural Pattern 7. Web Forms vs. MVC 8. Advantages of ASP.NET MVC 9. Disadvantages of ASP.NET MVC 10. Best practices while using ASP. With this book, web developers can build engaging and interactive sites and applications using Microsoft's latest web development tools -- ASP.NET 2.0 and the new ASP.NET AJAX framework. You learn to create applications that have all the great tricks you see on popular commercial web sites, such as order forms and the ability to interact with a database. And you can build pages that display information interactively without a page refresh. This straightforward tutorial explains how. Learning ASP.NET 2.0 with AJAX helps you master the concepts and techniques of Microsoft's tools with plenty of annotated examples, review quizzes, web construction exercises and chapter summaries, so you can practice new skills and test your understanding as you go. With it, you'll learn to: Master the fundamental skills of ASP.NET 2.0 to build professional quality web applications Integrate new Ajax tools and CSS with ASP.NET 2.0 for flashier and more interactive sites Build applications with minimal coding using Visual Studio or its free counterpart, Visual Web Developer Connect your site with a database so that users can retrieve, interact and save data Debug your application, deal with unexpected problems, and protect your site from malicious users Use the community-maintained ASP.NET AJAX Control Toolkit to extend the controls that come with ASP.NET AJAX Use personalization tools to give your site a customized look for each user Ideal for beginning web developers, or those who are new to ASP.NET, this book gets you involved with your own learning through hands-on lessons that are clear and to the point. You get the chance to try out new techniques on the spot. Want to join the world of modern web development? This book will get you started. This book constitutes the refereed proceedings of the first International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems, AH 2000, held in Trento, Italy, in August 2000. The 22 revised full papers presented together with 35 short papers were carefully reviewed and selected from 55 submissions. Among the topics covered are hypertext, user modeling, machine learning, natural language generation, information retrieval, intelligent tutoring systems, cognitive science, web-based education, etc. ASP.NET, successor to Microsoft's Active Server Pages (ASP), is so complete and flexible that a web developer's main difficulty may lie simply in weaving the pieces together for maximum efficiency. The new edition of Programming ASP.NET shows developers how to do just that. Updated for Version 1.1 of the .NET framework and Visual Studio .NET 2003, the second edition of this bestselling .NET title will show you how to create dynamic, data-driven web sites

and services using both C# and Visual Basic .NET. In Programming ASP.NET, Second Edition authors Jesse Liberty and Dan Hurwitz cover everything you need to know to be effective with ASP.NET. The book includes a comprehensive tutorial on Web Forms, which, in conjunction with Visual Studio .NET 2003, allow you to apply Rapid Application Development techniques (including drag-and-drop control placement) to web development. Programming ASP.NET includes extensive coverage of each type of server control, including Web server controls, HTML server controls, and custom controls. New material covers creating ASP.NET pages for mobile devices. Since most web applications and web services involve retrieving data and returning it to a client browser, Programming ASP.NET Second Edition also offers extensive coverage of data access issues. These include topics such as using ASP.NET's list-bound controls; accessing data using the ADO.NET object model, and updating data with or without transaction support. Programming ASP.NET also discusses such advanced topics as: Caching and performance Security Configuration and deployment If you're already familiar with Active Server Pages technology, you'll appreciate the in-depth focus and straightforward, easy-to-read approach for developing web pages and web services. Succinct, direct, and loaded with examples, Programming ASP.NET, Second Edition will help users at every level master ASP.NET without getting bogged down in the complexity of its features. A well-structured and example-rich tutorial to creating websites using Mambo INTERACT 2009 was the 12th of a series of INTERACT international conferences supported by the IFIP Technical Committee 13 on Human-Computer Interaction. This year, INTERACT was held in Uppsala (Sweden), organized by the Swedish Interdisciplinary Interest Group for Human-Computer Interaction (STIMDI) in cooperation with the Department of Information Technology at Uppsala University. Like its predecessors, INTERACT 2009 highlighted, both to the academic and to the industrial world, the importance of the human-computer interaction (HCI) area and its most recent breakthroughs on current applications. Both experienced HCI researchers and professionals, as well as newcomers to the HCI field, interested in designing or evaluating interactive software, developing new interaction technologies, or investigating overarching theories of HCI, found in INTERACT 2009 a great forum for communication with people of similar interests, to encourage collaboration and to learn. INTERACT 2009 had Research and Practice as its special theme. The reason we selected this theme is that the research within the field has drifted away from the practical applicability of its results and that the HCI practice has come to disregard the knowledge and development within the academic community. " The best-selling Joomla! tutorial guide updated for the latest 1.5 release Learn Joomla! 1.5 features Install and customize Joomla! 1.5 Configure Joomla! administration Create your own Joomla! templates Extend Joomla! with new components,

modules, and plug-ins In Detail Joomla! started as a fork from Mambo in 2005, when many of the original developers of the Mambo CMS moved to working on Joomla! It has rapidly grown in popularity and, according to its own description, is a "Cutting Edge Content Management System and one of the most powerful Open Source Content Management systems in the world. It is used world-wide for anything from simple homepages to complicated corporate websites. It is easy to install, easy to manage and very reliable." While the Joomla! CMS has the flexibility and power needed for complex, full-featured web applications, it is also simple to use to create basic websites. Its powerful, extensible template system can deal many different data types and control of user access, approval of content, scheduling of content display, and rich administrative controls are all included. This book takes a practical step-by-step approach of teaching the installation and configuration of Joomla! 1.5, customizing it, creating your templates and extensions, and finally, building your own website. This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Used by sites as varied as Twitter, GitHub, Disney, and Airbnb, Ruby on Rails is one of the most popular frameworks for developing web applications, but it can be challenging to learn and use. Whether you're new to web development or new only to Rails, Ruby on Rails™ Tutorial, Fourth Edition, is the solution. Best-selling author and leading Rails developer Michael Hartl teaches Rails by guiding you through the development of three example applications of increasing sophistication. The tutorial's examples focus on the general principles of web development needed for virtually any kind of website. The updates to this edition include full compatibility with Rails 5, a division of the largest chapters into more manageable units, and a huge number of new exercises interspersed in each chapter for maximum reinforcement of the material. This indispensable guide provides integrated tutorials not only for Rails, but also for the essential Ruby, HTML, CSS, and SQL skills you need when developing web applications. Hartl explains how each new technique solves a real-world problem, and then he demonstrates it with bite-sized code that's simple enough to understand, yet novel enough to be useful. Whatever your previous web development experience, this book will guide you to true Rails mastery. This book will help you Install and set up your Rails development environment, including pre-installed integrated development environment (IDE) in the cloud Go beyond generated code to truly understand how to build Rails applications from scratch Learn testing and test-driven development (TDD) Effectively use the Model-View-Controller (MVC) pattern Structure applications using the REST architecture Build static pages and transform them into dynamic ones Master the Ruby programming skills all Rails developers need Create high-quality site layouts and data models Implement registration and authentication systems, including validation and secure

passwords Update, display, and delete users Upload images in production using a cloud storage service Implement account activation and password reset, including sending email with Rails Add social features and microblogging, including an introduction to Ajax Record version changes with Git and create a secure remote repository at Bitbucket Deploy your applications early and often with Heroku The Comprehensive Guide to ASP.NET 2.0 for Experienced Developers ASP.NET 2.0 represents a true breakthrough in Web development technology and delivers unprecedented power, flexibility, and efficiency. If you're an experienced programmer who wants to build production-quality Web applications and services with ASP.NET 2.0, this book is the deepest, most practical tutorial you can find. Randy Connolly introduces today's best practices for every facet of ASP.NET 2.0 development. He illuminates ASP.NET 2.0 Web server control architecture, sophisticated user interface capabilities, and navigation controls. He presents systematic, practical coverage of ASP.NET 2.0 data integration, state management, personalization, and more. As with all books in the Prentice Hall Core Series, Core Internet Application Development with ASP.NET 2.0 focuses on solving serious problems with professional-quality code. With practical insights into everything from data binding to security, this is the ASP.NET 2.0 book you've been searching for: a definitive guide to building industrial-strength Web solutions. This Book Delivers Best practices for architecting and implementing state-of-the-art Web applications and services Expert insight into the entire ASP.NET development process, from design through deployment Hundreds of professional-quality code examples, including complete applications and business objects In-depth coverage of the latest ASP.NET features, including master pages, new data source controls, and ASP.NET AJAX (a.k.a. ;Atlas ;) Every Core Series Book Demonstrates practical techniques used by professional developers Features robust, thoroughly tested sample code and realistic examples Focuses on the cutting-edge technologies you need to master today Provides expert advice that will help you build superior software Preface Acknowledgments About the Author Part I: Core ASP.NET Chapter 1: Introducing ASP.NET 2.0 Chapter 2: How ASP.NET Works Chapter 3: Working with the Standard Web Server Controls Chapter 4: The Additional Standard Web Server Controls Chapter 5: Exception Handling and Validation Controls Chapter 6: Customizing and Managing Your Site's Appearance Chapter 7: ASP.NET Site Navigation Part II: Working with Data Chapter 8: Data Binding and Representation Chapter 9: Using ADO.NET Chapter 10: Data Controls Chapter 11: Designing and Implementing Web Applications Chapter 12: Managing ASP.NET State Part III: Implementing Web Applications Chapter 13: Security, Membership, and Role Management 833 Chapter 15: Web Services Chapter 16: Internationalization and Deployment Appendix: ASP.NET AJAX Sneak Peek Index The bestselling JavaScript reference, now updated to reflect

changes in technology and best practices As the most comprehensive book on the market, the JavaScript Bible is a classic bestseller that keeps you up to date on the latest changes in JavaScript, the leading technology for incorporating interactivity into Web pages. Part tutorial, part reference, this book serves as both a learning tool for building new JavaScript skills as well as a detailed reference for the more experienced JavaScript user. You'll get up-to-date coverage on the latest JavaScript practices that have been implemented since the previous edition, as well as the most updated code listings that reflect new concepts. Plus, you'll learn how to apply the latest JavaScript exception handling and custom object techniques. Coverage includes: JavaScript's Role in the World Wide Web and Beyond Developing a Scripting Strategy Selecting and Using Your Tools JavaScript Essentials Your First JavaScript Script Browser and Document Objects Scripts and HTML Documents Programming Fundamentals Window and Document Objects Forms and Form Elements Strings, Math, and Dates Scripting Frames and Multiple Windows Images and Dynamic HTML The String Object The Math, Number, and Boolean Objects The Date Object The Array Object JSON - Native JavaScript Object Notation E4X - Native XML Processing Control Structures and Exception Handling JavaScript Operators Function Objects and Custom Objects Global Functions and Statements Document Object Model Essentials Generic HTML Element Objects Window and Frame Objects Location and History Objects Document and Body Objects Link and Anchor Objects Image, Area, Map, and Canvas Objects Event Objects Practical examples of working code round out this new edition and contribute to helping you learn JavaScript quickly yet thoroughly. Explores CSS tasks and discusses such topics as creating usable Web designs, controlling typography, and choosing appearance-enhancing colors and backgrounds. Get started with SharePoint Designer and learn to put together a business website with SharePoint with this book and eBook. This book is a collection of tutorial examples and notes written by the author while he was learning JavaScript. Topics include ECMAScript specifications; data types, variables and expressions; flow control statements: 'if', 'for', 'switch', and 'while'; using arrays and objects; defining and calling functions; embedding JavaScript code in HTML documents; DOM (Document Object Model) API levels; using the JavaScript console in Web browsers; creating new object types with prototypes; building prototype inheritance hierarchy; managing functions as objects; using jrunscript JavaScript shell; sending AJAX (XMLHttpRequest) requests. Updated in 2023 (Version 2.33) with AJAX tutorials. For latest updates and free sample chapters, visit <https://www.herongyang.com/JavaScript>. This tutorial book based on notes and sample codes collected by the author while he was learning Java tools himself. Topics includes: 'java/javaw' Launcher, 'javac' Compiler, 'javadoc' Document Generator, 'javap' Class File Disassembler, 'jar/jarsigner' Archive Tool,

'jconsole' Console, 'jdb' Debugger, 'jdeps' Dependency Analyzer, 'jdeprscan' Deprecated API Scanner, 'jhat' Heap Analysis Tool, 'jlink' JRE Linker, 'jhsdb' HotSpot Debugger, 'jmap' Memory Dumper, 'jmc' Mission Control, 'jpackage' Binary Package Builder, 'jrunscript' Script Shell, 'jstack' Stack Dumper, 'jstat' Statistics, 'jstatd' Statistics Daemon, 'jvisualvm' Visual VM, 'jwebserver' Web Server, 'keytool' Keystore Tool, 'serialver' serialVersionUID generator. Updated in 2023 (Version v6.23) with JDK 20. For latest updates and free sample chapters, visit <https://www.herongyang.com/Java-Tools>. The smart way to learn Microsoft Expression Web 4 -- one step at a time! Experience learning made easy -- and quickly teach yourself how to create dynamic, standards-based Web sites. With Step by Step, you set the pace -- building and practicing the skills you need, just when you need them! Build your site with customizable templates -- or create your own Adjust settings in Expression Web 4 to create different sites Add Photoshop files, Microsoft Silverlight video, and .wmv files Use CSS, HTML, and XHTML to manage site style and accessibility Connect to servers using Microsoft ASP.NET and PHP Choose the right publishing method for your scenario Your Step by Step digital content includes: All the books practice files -- ready to download and put to work. Fully searchable online edition of this book -- with unlimited access on the Web. Video tutorials illustrating important procedures and concepts The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 200 questions and answers for job interview and as a BONUS web addresses to 200 video movies for a better understanding of the technological process. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry. This unique book-and-video package introduces ASP.NET 4 to programmers Microsoft ASP.NET allows you to build dynamically generated Web pages from database content. Written by a well-known authority on ASP.NET, this book-and-DVD package is an ideal place to start learning about the capabilities of ASP.NET 4. Each lesson covers both the ASP.NET Web Forms Framework and the ASP.NET MVC 2 Framework and is designed to teach you the fundamentals of the topic before progressing to a step-by-step tutorial. An instructional video for each of the 48 tutorials is provided on the DVD that accompanies the book. Lessons include: Anatomy of an HTML Page Using Common HTML Tags Adding Style to an HTML Page State Management in ASP .NET 4 Configuring Your Web Application Web Site Projects vs. Web Application Projects ASP.NET Web Forms

Web Application ASP.NET MVC Web Application The Page Life Cycle in Web Forms The Request Life Cycle in MVC Server Controls in Web Forms HTML Helpers in MVC Master Pages Skins and Themes in Web Forms Partial Views in MVC Validation Controls in Web Forms Validation Helpers in MVC Dynamic Data in Web Forms Display Templates in MVC Dynamic Data Templates in Web Forms Using the AJAX Extensions in Web Forms Using jQuery for Ajax in Web Forms Authentication ASP.NET 4 24-Hour Trainer is an exceptional book-and-video package ideal for everyone from beginners to more advanced developers. Unleash the full potential of the Flask web framework by creating simple yet powerful web applications About This Book The most up-to-date book on Flask on the market Create your own world-class applications and master the art of Flask by unravelling its enigma through this journey This step-by-step tutorial is packed with examples on blending different technologies with Flask to get you up and running Who This Book Is For Have you looked at PHP and hated the clunky bloated syntax? Or looked at .Net and wished it was more open and flexible? Maybe you've tried your hand at GUI libraries in Python and found them hard to use? If your answer to any one of these questions is a yes, then this is just the book for you. It is also intended for people who know the basics of Python and want to learn how to use it to build powerful solutions with a web front-end. What You Will Learn Build three web applications from the ground up using the powerful Python micro framework, Flask. Dynamically display data to your viewers, based on their requests Store user and static data in SQL and NoSQL databases and use this data to power your web applications Create a good user experience by combining HTML, CSS, and JavaScript Harness the convenience of freely available APIs, including OpenWeatherMap, Open Exchange Rates, and bitly Extend your applications to build advanced functionality, such as a user account control system using Flask-Login Learn about web application security and defend against common attacks, such as SQL injection and XSS In Detail This book will take you on a journey from learning about web development using Flask to building fully functional web applications. In the first major project, we develop a dynamic Headlines application that displays the latest news headlines along with up-to-date currency and weather information. In project two, we build a Crime Map application that is backed by a MySQL database, allowing users to submit information on and the location of crimes in order to plot danger zones and other crime trends within an area. In the final project, we combine Flask with more modern technologies, such as Twitter's Bootstrap and the NoSQL database MongoDB, to create a Waiter Caller application that allows restaurant patrons to easily call a waiter to their table. This pragmatic tutorial will keep you engaged as you learn the crux of Flask by working on challenging real-world applications. Style and approach This book will provide you with rich, practical experience of

Flask. Every technology, that is employed along with Flask is comprehensively introduced, while the book focusses on developing web applications. Pointers to educational material are always given if you want to gain in-depth knowledge of the various technologies used.

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