Oracle Database Express Edition 11g Release 2 For Windows X64

The Essential Resource for Oracle DBAs--Fully Updated and Expanded Manage a flexible, highly available Oracle database with help from the expert information contained in this exclusive Oracle Press guide. Fully revised to cover every new feature and utility, Oracle Database 11g DBA Handbook shows how to perform a new installation, upgrade from previous versions, configure hardware and software for maximum efficiency, and employ bulletproof security. You will learn to automate the backup and recovery process, provide transparent failover capability, audit and tune performance, and distribute your enterprise databases with Oracle Net. Plan and deploy permanent, temporary, and bigfile tablespaces Optimize disk allocation, CPU usage, I/O throughput, and SQL queries Develop powerful database management applications Guard against human errors using Oracle Flashback and Oracle Automatic Undo Management Diagnose and tune system performance using Oracle Automatic Workload Repository and SQL Tuning Sets Implement robust security using authentication, authorization, fine-grained auditing, and fine-grained access control Maintain high availability using Oracle Real Application Clusters and Oracle Active Data

Guard Respond more efficiently to failure scenarios by leveraging the Oracle Automatic Diagnostic Repository and the Oracle Repair Advisor Back up and restore tables, tablespaces, and databases with Oracle Recovery Manager and Oracle Data Pump Export and Import Work with networked databases, data warehouses, and VLDBs Put the latest Oracle Database 11g tools to work--Oracle Total Recall, Oracle Flashback Data Archive, and more

Agile Oracle Application Express shows how skilled, motivated, and self-organizing developers can realize extraordinary commercial benefits from Oracle Application Express. The secret is to couple Application Express with an agile software development approach. This book leads the way. Oracle Application Express is well-suited to agile processes, with its support for rapid prototyping and team development. Application Express supports a gamut of enabling technologies such as SQL, HTML, CSS, JavaScript, and more that enable you to deliver any type of web application to meet your development needs. Agile Oracle Application Express helps you take the feature set of Application Express and marry it with the processes of agile development to iteratively design, create, and deliver quality applications on time and within budget. This step-by-step guide will teach you how to use GeoServer to build custom and interactive maps using your data. About This Book Exploit the power

of GeoServer to provide agile, flexible, and low -cost community projects Share real-time maps quickly Boost your map server's performance using the power and flexibility of GeoServer Who This Book Is For If you are a web developer with knowledge of server side scripting, have experience in installing applications on the server, and want to go beyond Google Maps by offering dynamically built maps on your site with your latest geospatial data stored in MySQL, PostGIS, MySQL, or Oracle, this is the book for you. What You Will Learn Install GeoServer quickly Access dynamic real-time geospatial data that you can easily integrate into your own web-based application Create custom styles for lines, points, and polygons for great-looking maps Command GeoServer remotely using REST Tune your GeoServer instance for performance Move GeoServer into production Learn advanced topics to extend GeoServer's capabilities In Detail GeoServer is an opensource server written in Java that allows users to share, process, and edit geospatial data. This book will guide you through the new features and improvements of GeoServer and will help you get started with it. GeoServer Beginner's Guide gives you the impetus to build custom maps using your data without the need for costly commercial software licenses and restrictions. Even if you do not have prior GIS knowledge, you will be able to make interactive maps after reading this book. You will

install GeoServer, access your data from a database, and apply style points, lines, polygons, and labels to impress site visitors with real-time maps. Then you follow a step-by-step guide that installs GeoServer in minutes. You will explore the web-based administrative interface to connect to backend data stores such as PostGIS, and Oracle. Going ahead, you can display your data on web-based interactive maps, use style lines, points, polygons, and embed images to visualize this data for your web visitors. You will walk away from this book with a working application ready for production. After reading GeoServer Beginner's Guide, you will be able to build beautiful custom maps on your website using your geospatial data. Style and approach Step-by-step instructions are included and the needs of a beginner are totally satisfied by the book. The book consists of plenty of examples with accompanying screenshots and code for an easy learning curve.

Initially developed at IBM in the early 1970s, SQL was formalized by the American National Standards Institute (ANSI) in 1986. Since then the SQL standard has been revised seven times. SQL consists of a data definition language (DDL) and a data manipulation language (DML). The DDL is used to create, delete, and alter the structure of a table and other database objects. The DML is used to insert, retrieve, and update data in a table or tables.

Many database vendors implement a version of SQL that is not 100% compliant with the standard. They often add unique features to their SQL, resulting in an SQL dialect. This book is for you if you want to learn SQL the easy way. This book uses the free edition of the Oracle database to show how SQL works.

This JDBC tutorial book is a collection of notes and sample codes written by the author while he was learning JDBC technology himself. Topics include introduction to JDBC driver; installing JDK on Windows and other systems; Using Derby (Java DB) JDBC Driver; Using MySQL JDBC Driver (MySQL Connector/J); Using Oracle JDBC Driver; Using SQL Server JDBC Driver; Using JDBC-ODBC Bridge Driver. Updated in 2020 (Version 3.10) with JDBC 4.3.

This IBM® Platform Computing Solutions Redbooks® publication is the first book to describe each of the available offerings that are part of the IBM portfolio of Cloud, analytics, and High Performance Computing (HPC) solutions for our clients. This IBM Redbooks publication delivers descriptions of the available offerings from IBM Platform Computing that address challenges for our clients in each industry. We include a few implementation and testing scenarios with selected solutions. This publication helps strengthen the position of IBM Platform Computing solutions with a

well-defined and documented deployment model
within an IBM System x® environment. This
deployment model offers clients a planned
foundation for dynamic cloud infrastructure,
provisioning, large-scale parallel HPC application
development, cluster management, and grid
applications. This IBM publication is targeted to IT
specialists, IT architects, support personnel, and
clients. This book is intended for anyone who wants
information about how IBM Platform Computing
solutions use IBM to provide a wide array of client
solutions.

Using real-world examples and hands-on tasks,
Oracle Data Guard 11gR2 Administration Beginner's
Guide will give you a solid foundation in Oracle Data
Guard. It has been designed to teach you everything
you need to know to successfully create and operate
Data Guard environments with maximum flexibility,
compatibility, and effectiveness.If you are an Oracle
database administrator who wants to configure and
administer Data Guard configurations, then "Oracle
Data Guard 11gR2 Administration Beginner's Guide"
is for you. With a basic understanding of Oracle
database administration, you'll be able to easily
follow the book.

This introduction to SQL for the Oracle database
begins by discussing exactly how data is stored and
maintained in a relational database, familiarizing
readers with SQL INSERT, UPDATE, and DELETE

statements. The guide then discusses how to construct basic queries, choose an appropriate output, and how to create and use groups. Readers will also learn how to use joins to query data from multiple tables, how to create predefined views that can be stored in a database, and how to utilize the metadata of a database. Appendices round out the book, covering the various indexing techniques available in the Oracle database and discussing how to install Oracle Database Express Edition and list the Oracle built-in data types.

This is a cookbook that covers more than 80 different recipes to teach you about different aspects of Oracle ADF Faces. It follows a practical approach and covers how to build your components for reuse in different applications. This book will also help you in tuning the performance of your ADF Faces application. If you are an ADF developer who wants to harness the power of Oracle ADF Faces to create exceptional user interfaces and reactive applications, this book will provide you with the recipes needed to do just that. You will not need to be familiar with Oracle ADF Faces, but you should be comfortable with Java application development, Java EE frameworks, and JSF. This book is also for ADF developers who know how to use Oracle ADF Faces but who want to know what's new in Oracle ADF Faces 12c.

This book, written by veteran Oracle database administrator Iggy Fernandez, a regular on the Oracle conference circuit and the editor of NoCOUG Journal, is a manageable introduction to key Oracle database administration topics including planning, installation, monitoring, troubleshooting, maintenance, and backups, to name just a few. As is clear from the table of contents, this book is not simply a recitation

of Oracle Database features such as what you find in the reference guides available for free download on the Oracle web site. For example, the chapter on database monitoring explains how to monitor database availability, database changes, database security, database backups, database growth, database workload, database performance, and database capacity. The chapters of this book are logically organized into four parts that closely track the way your database administration career will naturally evolve. Part 1 gives you necessary background in relational database theory and Oracle Database concepts, Part 2 teaches you how to implement an Oracle database correctly, Part 3 exposes you to the daily routine of a database administrator, and Part 4 introduces you to the fine art of performance tuning. Each chapter has exercises designed to help you apply the lessons of the chapter. Each chapter also includes a list of reference works that contain more information on the topic of the chapter. In this book, you'll find information that you won't find in other books on Oracle Database. Here you'll discover not only technical information, but also guidance on work practices that are as vital to your success as technical skills. The author's favorite chapter is "The Big Picture and the Ten Deliverables." If you take the lessons in that chapter to heart, you can quickly become a much better Oracle database administrator than you ever thought possible. Start developing with Oracle SQL. This book is a one-stop introduction to everything you need to know about getting started developing an Oracle Database. You'll learn about foundational concepts, setting up a simple schema, adding data, reading data from the database, and making changes. No experience with databases is required to get started. Examples in the book are built around Oracle Live SQL, a freely available, online sandbox for practicing and experimenting with SQL statements, and Oracle Express

Edition, a free version of Oracle Database that is available for download. A marquee feature of Beginning Oracle SQL for Oracle Database 18c is the small chapter size. Content is divided into easily digestible chunks that can be read and practiced in very short intervals of time, making this the ideal book for a busy professional to learn from. Even just a 15-20 minute block of free time can be put to good use. Author Ben Brumm begins by helping you understand what a database is, and getting you set up with a sandbox in which to practice the SQL that you are learning. From there, easily digestible chapters cover, point-by-point, the different aspects of writing queries to get data out of a database. You'll also learn about creating tables and getting data into the database. Crucial topics such as working with nulls and writing analytic queries are given the attention they deserve, helping you to avoid pitfalls when writing queries for production use. What You'll Learn Create, update, and delete tables in an Oracle database Add, update, delete data from those database tables Query and view data stored in your database Manipulate and transform data using in-built database functions and features Correctly choose when to use Oracle-specific syntax and features Who This Book Is For Those new to Oracle who are planning to develop software using Oracle as the back-end data store. The book is also for those who are getting started in software development and realize they need to learn some kind of database language. Those who are learning software development on the side of their normal job, or learning it as a college student, who are ready to learn what a database is and how to use it also will find this book useful.

Master Application Development in a Mixed-Platform Environment Build powerful database applications in a mixed environment using the detailed information in this Oracle Press guide. Oracle Database 11g & MySQL 5.6 Developer

Handbook lays out programming strategies and best practices for seamlessly operating between the two platforms. Find out how to migrate databases, port SQL dialects, work with Oracle MySQL databases, and configure effective queries. Security, monitoring, and tuning techniques are also covered in this comprehensive volume. Understand Oracle Database 11g and MySQL 5.6 architecture Convert databases between platforms and ensure transactional integrity Create tables, sequences, indexes, views, and user accounts Build and debug PL/SQL, SQL*Plus, SQL/PSM, and MySQL Monitor scripts Execute complex queries and handle numeric and date mathematics Merge data from source tables and set up virtual directories
Design Feature-Rich PL/SQL Applications Deliver dynamic, client/server PL/SQL applications with expert guidance from an Oracle programming professional. With full coverage of the latest features and tools, Oracle Database 11g PL/SQL Programming lays out each topic alongside detailed explanations, cut-and-paste syntax examples, and real-world case studies. Access and modify database information, construct powerful PL/SQL statements, execute effective queries, and deploy bulletproof security. You'll also learn how to implement C, C++, and Java procedures, Web-enable your database, cut development time, and optimize performance. Create, debug, and manage Oracle-driven PL/SQL programs Use PL/SQL structures, delimiters, operators, variables, and statements Identify and eliminate errors using PLSQL_WARNINGS and exception handlers Work with functions, procedures, packages, collections, and triggers Define and deploy varray, nested table, and associative array data types Handle external routines, object types, large objects, and secure files Communicate between parallel sessions using DBMS_ALERT and DBMS_PIPE Call external procedures through Oracle Net Services and PL/SQL

wrappers Integrate internal and server-side Java class libraries using Oracle JVM Develop robust Web applications using PL/SQL Gateway and Web Toolkit
Oracle Database Programming with Visual Basic.NET Discover a detailed treatment of the practical considerations and applications of Oracle database programming with Visual Basic 2019 Oracle Database Programming with Visual Basic.NET: Concepts, Designs, and Implementations delivers a comprehensive exploration of the foundations of Oracle database programming using Visual Basic.NET. Using Visual Basic.NET 2019, Visual Studio.NET 2019, and Oracle 18c XE, the book introduces the Oracle database development system, Oracle SQL Developer and Modeler, and teaches readers how to implement a sample database solution. The distinguished author also demonstrates the use of dotConnect for Oracle to show readers how to create an effective connection to an Oracle 18c XE database. The current versions of the .NET framework, ASP.NET, and ASP.NET 4.7 are also explored and used to offer readers the most up to date web database programming techniques available today. The book provides practical example projects and detailed, line-by-line descriptions throughout to assist readers in the development of their database programming skill. Students will also benefit from the inclusion of: A thorough introduction to databases, including definitions, examples, descriptions of keys and relationships, and some database components in popular databases, like Access, SQL, and Oracle An exploration of ADO.NET, including its architecture and components, like the DataReader class, DataSet component, DataTable component, and the command and parameter classes A discussion of Language Integrated Query (LINQ), including its architecture and components, its relationship to objects, DataSet, Oracle, and Entities An explanation of how to access data in ASP.NET

and ASP.NET Web Services with multiple real project examples. Perfect for college and university students taking courses related to database programming and applications, Oracle Database Programming with Visual Basic.NET will also earn a place in the libraries of programmers and software engineers seeking a comprehensive reference for database coding in Visual Basic.NET.

In this fast-paced book on the Docker open standards platform for developing, packaging and running portable distributed applications, Deepak Vorhadiscusses how to build, ship and run applications on any platform such as a PC, the cloud, data center or a virtual machine. He describes how to install and create Docker images. and the advantages off Docker containers.The remainder of the book is devoted to discussing using Docker with important software solutions. He begins by discussing using Docker with a traditional RDBMS using Oracle and MySQL. Next he moves on to NoSQL with chapter on MongoDB Cassandra, and Couchbase. Then he addresses the use of Docker in the Hadoop ecosystem with complete chapters on utilizing not only Hadoop, but Hive, HBase, Sqoop, Kafka, Solr and Spark. What You Will Learn How to install a Docker image How to create a Docker container How to run an Application in a Docker Container Use Docker with Apache Hadoop Ecosystem Use Docker with NoSQL Databases Use Docker with RDBMS Who This Book Is ForApache Hadoop Developers. Database developers. NoSQL Developers.

Membahasa mengenai dasar-dasar Administrasi Database dan fungsi SQL dasar dengan menggunakan Oracle Database 11g Express/

Covers Oracle DBMS versions 10, 11, 12, and XE Sams Teach Yourself Oracle PL/SQL in 10 Minutes offers straightforward, practical answers when you

need fast results. By working through the book's 26 lessons of 10 minutes or less, you'll learn what you need to know to take advantage of Oracle's PL/SQL language. This handy pocket guide starts with simple data retrieval and moves on to more complex topics, including the use of joins, subqueries, regular expression and full text-based searches, stored procedures, cursors, triggers, table constraints, and much more. 10 minutes is all you need to learn how to... Use PL/SQL in the Oracle environments and tools Construct complex PL/SQL statements using multiple clauses and operators Retrieve, sort, and format database contents Pinpoint the data you need using a variety of filtering techniques Use string, date-time, and math functions to manipulate your data Join two or more related tables Insert, update, and delete data Create and alter database tables Work with views, stored procedures, cursors, triggers, and more

ORACLE 11G: SQL is not simply a study guide; it is written for individuals who have just a basic knowledge of databases and can be utilized in a course on this latest implementation of SQL from Oracle.

A poorly performing database application not only costs users time, but also has an impact on other applications running on the same computer or the same network. SQL Tuning provides an essential next step for SQL developers and database

administrators who want to extend their SQL tuning expertise and get the most from their database applications.There are two basic issues to focus on when tuning SQL: how to find and interpret the execution plan of an SQL statement and how to change SQL to get a specific alternate execution plan. SQL Tuning provides answers to these questions and addresses a third issue that's even more important: how to find the optimal execution plan for the query to use.Author Dan Tow outlines a timesaving method he's developed for finding the optimum execution plan--rapidly and systematically--regardless of the complexity of the SQL or the database platform being used. You'll learn how to understand and control SQL execution plans and how to diagram SQL queries to deduce the best execution plan for a query. Key chapters in the book include exercises to reinforce the concepts you've learned. SQL Tuning concludes by addressing special concerns and unique solutions to "unsolvable problems."Whether you are a programmer who develops SQL-based applications or a database administrator or other who troubleshoots poorly tuned applications, SQL Tuning will arm you with a reliable and deterministic method for tuning your SQL queries to gain optimal performance.

Learn integrate a secure, reliable and robust way several Java EE technologies is not an easy task far,

it is not an impossible task, but it is a fact that such integration can be complex and confusing. In this book we learn to integrate PrimeFaces JSF 2 + 4 + 5 + Hibernate Spring 4 in an easy and simple way, explain in detail the components that we have developed in our videos you have available for free on YouTube about these technologies. Also add new advanced features that will explain in great detail to bring out the most of buying this book. Is not that enough? Here you will learn how to create an application from scratch step by step with all the technologies already mentioned and understand how and what each technology and projects which apply and which are not. The theory is in this book has nothing to do with what you learn in practice, to read and execute the steps in this book we guarantee that you will acquire a broad level in major frameworks and Java EE technologies.

Design and Deploy Highly Responsive Data-Driven Web 2.0 Applications Deliver next-generation user capabilities and client-side services in your Oracle-based Web applications by combining the powerful features of AJAX and PHP. Written by Web 2.0 programming experts, Oracle Database AJAX & PHP Web Application Development shows you how to design faster, lighter, more responsive Web applications while reducing code support and creation time. You'll learn how to develop modular AJAX and PHP code, add dynamically updated

content, and implement click-to-edit and drag-and-drop functionality. You'll also get details on incorporating cutting-edge mashup, reporting, and communication features. Build robust Web applications that utilize the latest AJAX, PHP, and modularity techniques Construct AJAX and PHP objects, controllers, iframes, and models Simplify programming with reusable modules, open-source libraries, and templates Optimize scalability, availability, performance, and security Auto-refresh Web pages and execute XML calls using the HttpRequest object Add HTML drill-down tables, DOM drag-and-drop, and click-to-edit features Retrieve data from external sources using Remote Procedure Calls and Pear-based services Solve browser navigation button, bookmarking, and history tracking issues Allow end users to customize Web pages using tracking, JSON, and mashups Facilitate client-side communication with VOIP, IM, targeted reporting, and file sharing

Murach's Oracle SQL and PL: SQL for Developers By Joel Murac

Leverage Oracle Database 11g Release 2 High Availability Features Protect your critical business assets and achieve maximum database uptime using the detailed information in this Oracle Press guide. Oracle Database 11g Release 2 High Availability: Maximize Your Availability with Grid Infrastructure, Oracle Real Application Clusters, and

Oracle Data Guard, Second Edition provides cost-effective solutions to current availability challenges. Discover how to grid-enable your IT framework, roll out Oracle Real Application Clusters, maintain standby databases, and deploy Oracle Flashback. Monitoring, tuning, and disaster recovery techniques are also covered in this comprehensive resource. Install Oracle Clusterware (as part of Oracle's grid infrastructure) or upgrade from an earlier version Build test clusters and hosts using Oracle VM Work with Oracle Automatic Storage Management and Oracle Automatic Storage Management Cluster File System Create synchronized standby databases using Oracle Data Guard Reliably archive and restore data with Oracle Recovery Manager Use Oracle Flashback to identify and undo user errors Configure Oracle Enterprise Manager Grid Control for management of an Oracle maximum availability architecture environment
The book teaches the basics of the Oracle database from a beginner s perspective to the advanced concepts using a hands-on approach. Each and every concept has been elaborated with suitable practical examples along with code for clear and precise understanding of the topic. Using a practical approach, the book explains how to retrieve, add, update and delete data in the Oracle database using SQL, SQL*PLUS and PL/SQL. In the process, it discusses the various data types and built-in

functions of Oracle, as well as the sorting of records and the table operations. The text also includes coverage of advanced queries using special operators, Oracle security, indexing, and stored functions and procedures. The book is suitable for undergraduate engineering students of Computer Science and Information Technology, B.Sc. (Computer Science/IT), M.Sc. (Computer Science/IT) and students of Computer Applications (BCA, MCA, PGDCA, and DCA). Besides, the book can be used as a reference by professionals pursuing short-term courses on Oracle Database and students of Oracle Certified Courses. Performance problems are rarely "problems" per se. They are more often "crises" during which you're pressured for results by a manager standing outside your cubicle while your phone rings with queries from the help desk. You won't have the time for a leisurely perusal of the manuals, nor to lean back and read a book on theory. What you need in that situation is a book of solutions, and solutions are precisely what Oracle Database 11g Performance Tuning Recipes delivers. Oracle Database 11g Performance Tuning Recipes is a ready reference for database administrators in need of immediate help with performance issues relating to Oracle Database. The book takes an example-based approach, wherein each chapter covers a specific problem domain. Within each chapter are "recipes,"

showing by example how to perform common tasks in that chapter's domain. Solutions in the recipes are backed by clear explanations of background and theory from the author team. Whatever the task, if it's performance-related, you'll probably find a recipe and a solution in this book. Provides proven solutions to real-life Oracle performance problems Offers relevant background and theory to support each solution Written by a team of experienced database administrators successful in their careers Master core REST concepts and create RESTful web services in Java About This Book Build efficient and secure RESTful web APIs in Java.. Design solutions to produce, consume and visualize RESTful web services using WADL, RAML, and Swagger Familiarize the role of RESTful APIs usage in emerging technology trends like Cloud, IoT, Social Media. Who This Book Is For If you are a web developer with a basic understanding of the REST concepts and envisage to get acquainted with the idea of designing and developing RESTful web services, this is the book for you. As all the code samples for the book are written in Java, proficiency in Java is a must. What You Will Learn Introduce yourself to the RESTful software architectural style and the REST API design principles Make use of the JSR 353 API, JSR 374 API, JSR 367 API and Jackson API for JSON processing Build portable RESTful web APIs, making use of the JAX-RS 2.1

API Simplify API development using the Jersey and RESTEasy extension APIs Secure your RESTful web services with various authentication and authorization mechanisms Get to grips with the various metadata solutions to describe, produce, and consume RESTful web services Understand the design and coding guidelines to build well-performing RESTful APIs See how the role of RESTful web services changes with emerging technologies and trends In Detail Representational State Transfer (REST) is a simple yet powerful software architecture style to create lightweight and scalable web services. The RESTful web services use HTTP as the transport protocol and can use any message formats, including XML, JSON(widely used), CSV, and many more, which makes it easily inter-operable across different languages and platforms. This successful book is currently in its 3rd edition and has been used by thousands of developers. It serves as an excellent guide for developing RESTful web services in Java. This book attempts to familiarize the reader with the concepts of REST. It is a pragmatic guide for designing and developing web services using Java APIs for real-life use cases following best practices and for learning to secure REST APIs using OAuth and JWT. Finally, you will learn the role of RESTful web services for future technological advances, be it cloud, IoT or social media. By the end of this book, you will be

able to efficiently build robust, scalable, and secure RESTful web services using Java APIs. Style and approach Step-by-step guide to designing and developing robust RESTful web services. Each topic is explained in a simple and easy-to-understand manner with lots of real-life use-cases and their solutions.
Build and manage your Oracle Database XE environment with this fast paced, practical guide Oracle Database XE 11gR2 Jump Start GuidePackt Publishing Ltd
Master the XML Programming Features in Oracle Database 11g Develop, debug, and administer data-backed XML applications using the expert instruction and best practices in this Oracle Press guide. Oracle Database 11g: Building Oracle XML DB Applications discusses the latest development tools, technologies, and components. Find out how to set up Oracle XML Database (Oracle XML DB), build XML applications in Oracle JDeveloper 11g, work with XSLT stylesheets, and incorporate full-text search. Troubleshooting, performance tuning, and security are also covered in this comprehensive resource. Create, store, and query XML types using Oracle XML DB Load XML documents into relational tables and define SQL views Parse and validate schema with Oracle XDK for Java and PL/SQL packages Merge documents, generate reports, and transform data using XSLT Construct applications

from Oracle XML DB Web services Use Oracle JDeveloper 11g to design and deploy XML applications Integrate Oracle Text and Oracle Secure Enterprise Search features Streamline the development process using Oracle Application Express

Design scalable and robust RESTful web services with JAX-RS and Jersey extension APIs About This Book Get to grips with the portable Java APIs used for JSON processing Design solutions to produce, consume, and visualize RESTful web services using WADL, RAML, and Swagger A step-by-step guide packed with many real-life use-cases to help you build efficient and secure RESTful web APIs in Java Who This Book Is For If you are a web developer with a basic understanding of the REST concepts but are new to the idea of designing and developing RESTful web services, this is the book for you. As all the code samples for the book are written in Java, proficiency in Java is a must. What You Will Learn Introduce yourself to the RESTful software architectural style and the REST API design principles Make use of the JSR 353 APIs and Jackson API for JSON processing Build portable RESTful web APIs, making use of the JAX-RS 2.0 API Simplify API development using the Jersey extension APIs Secure your RESTful web services with various authentication and authorization mechanisms Get to grips with the various metadata

solutions to describe, produce, and consume RESTful web services Understand the design and coding guidelines to build well-performing RESTful APIs See how the role of RESTful web services changes with emerging technologies and trends In Detail REST (REpresentational State Transfer) is a simple yet powerful software architecture style to create scalable web services and allow them to be simple, lightweight, and fast. The REST API uses HTTP and JSON, so that it can be used with many programming languages such as Ruby, Java, Python, and Scala. Its use in Java seems to be the most popular though, because of the API's reusability. This book is a guide to developing RESTful web services in Java using the popular RESTful framework APIs available today. You will begin with gaining an in-depth knowledge of the RESTful software architectural style and its relevance in modern applications. Further, you will understand the APIs to parse, generate, transform, and query JSON effectively. Then, you will see how to build a simple RESTful service using the popular JAX-RS 2.0 API along with some real-world examples. This book will introduce you to the Jersey framework API, which is used to simplify your web services. You will also see how to secure your services with various authentication mechanisms. You will get to grips with various solutions to describe, produce, consume, and visualize RESTful

web services. Finally, you will see how to design your web services to equip them for the future technological advances, be it Cloud or mobile computing. By the end of this book, you will be able to efficiently build robust, scalable, and secure RESTful web services, making use of the JAX-RS and Jersey framework extensions. Style and approach This book is written as a step-by-step guide to designing and developing robust RESTful web services. Each topic is explained in a simple and easy-to-understand manner with lots of real-life use-cases and their solutions.

Pro Oracle Database 11g Administration is a book focused on results. Author Darl Kuhn draws from a well of experience over a decade deep to lay out real-world techniques that lead to success as an Oracle Database administrator. He gives clear explanations on how to perform critical tasks. He weaves in theory where necessary without bogging you down in unneeded detail. He is not afraid to take a stand on how things should be done. He won't leave you adrift in a sea of choices, showing you three ways to do something and then walking away. Database administration isn't about passing a certified exam, or about pointing-and-clicking your way through a crisis. Database administration is about applying the right solution at the right time, about avoiding risk, about making robust choices that get you home each night in time for dinner with your family. If you have

"buck stops here" responsibility for an Oracle database, then Pro Oracle Database 11g Administration is the book you need to help elevate yourself to the level of Professional Oracle Database Administrator. Condenses and organizes the core job of a database administrator into one volume. Takes a results-oriented approach to getting things done. Lays a foundation upon which to build a senior level of expertise

Master Oracle SOA Suite 12c Design, implement, manage, and maintain a highly flexible service-oriented computing infrastructure across your enterprise using the detailed information in this Oracle Press guide. Written by an Oracle ACE director, Oracle SOA Suite 12c Handbook uses a start-to-finish case study to illustrate each concept and technique. Learn expert techniques for designing and implementing components, assembling composite applications, integrating Java, handling complex business logic, and maximizing code reuse. Runtime administration, governance, and security are covered in this practical resource. Get started with the Oracle SOA Suite 12c development and run time environment Deploy and manage SOA composite applications Expose SOAP/XML REST/JSON through Oracle Service Bus Establish interactions through adapters for Database, JMS, File/FTP, UMS, LDAP, and Coherence Embed custom logic using Java and the

Spring component Perform fast data analysis in real time with Oracle Event Processor Implement Event Drive Architecture based on the Event Delivery Network (EDN) Use Oracle Business Rules to encapsulate logic and automate decisions Model complex processes using BPEL, BPMN, and human task components Establish KPIs and evaluate performance using Oracle Business Activity Monitoring Control traffic, audit system activity, and encrypt sensitive data

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. The Language of SQL, Second Edition Many SQL texts attempt to serve as an encyclopedic reference on SQL syntax -- an approach that is often counterproductive, because that information is readily available in online references published by the major database vendors. For SQL beginners, it's more important for a book to focus on general concepts and to offer clear explanations and examples of what various SQL statements can accomplish. This is that book. A number of features make The Language of SQL unique among introductory SQL books. First, you will not be required to download software or sit with a computer as you read the text. The intent of this book is to provide examples of SQL usage that can be understood simply by reading. Second, topics are

organized in an intuitive and logical sequence. SQL
keywords are introduced one at a time, allowing you
to grow your understanding as you encounter new
terms and concepts. Finally, this book covers the
syntax of three widely used databases: Microsoft
SQL Server, MySQL, and Oracle. Special "Database
Differences" sidebars clearly show you any
differences in syntax among these three databases,
and instructions are included on how to obtain and
install free versions of the databases. This is the only
book you need to gain a quick working knowledge of
SQL and relational databases. ·Learn How To... Use
SQL to retrieve data from relational databases Apply
functions and calculations to data Group and
summarize data in a variety of useful ways Use
complex logic to retrieve only the data you need
Update data and create new tables Design relational
databases so that data retrieval is easy and intuitive
Use spreadsheets to transform your data into
meaningful displays Retrieve data from multiple
tables via joins, subqueries, views, and set logic
Create, modify, and execute stored procedures
Install Microsoft SQL Server, MySQL, or Oracle
ASP.NET MVC 4 Recipes is a practical guide for
developers creating modern web applications,
cutting through the complexities of ASP.NET,
jQuery, Knockout.js and HTML 5 to provide
straightforward solutions to common web
development problems using proven methods based

on best practices. The problem-solution approach gets you in, out, and back to work quickly while deepening your understanding of the underlying platform and how to develop with it. Author John Ciliberti guides you through the framework and development tools, presenting typical challenges, along with code solutions and clear, concise explanations, to accelerate application development. Inside you will find recipes dealing with streamlined syntax, full control over HTML, a simple API for creating RESTful web services, writing support for test driven development, and more. Solve problems immediately by pasting in code from the recipes, or put multiple recipe solutions together to overcome challenging development obstacles. Dive head first into ASP.NET MVC web development with ASP.NET MVC 4 Recipes.

Designed to provide an insight into the database concepts DESCRIPTION Book teaches the essentials of DBMS to anyone who wants to become an effective and independent DBMS Master. It covers all the DBMS fundamentals without forgetting few vital advanced topics such as from installation, configuration and monitoring, up to the backup and migration of database covering few database client tools. KEY FEATURES Book contains real-time executed commands along with screenshot Parallel execution and explanation of Oracle and MySQL Database commands A Single comprehensive guide

for Students, Teachers and Professionals Practical
oriented book WHAT WILL YOU LEARN Relational
Database,Keys Normalization of database SQL,
SQL Queries, SQL joins Aggregate Functions,Oracle
and Mysql tools WHO THIS BOOK IS FOR Students
of Polytechnic Diploma Classes- Computer Science/
Information Technology Graduate Students-
Computer Science/ CSE / IT/ Computer Applications
Master Class Students—Msc (CS/IT)/ MCA/ M.Phil,
M.Tech, M.S. Industry Professionals- Preparing for
Certifications Table of Contents ?1. Fundamentals of
data and Database management system 2.
Database Architecture and Models 3. Relational
Database and normalization 4. Open source
technology & SQL 5. Database queries 6. SQL
operators 7. Introduction to database joins 8.
Aggregate functions, subqueries and users 9.
Backup & Recovery 10. Database installation 11.
Oracle and MYSQL tools 12. Exercise
Do you use SQL in your daily work? Have you
mastered the basics and need it to do more for you?
This book holds the answers! SQL, or Structured
Query Language, is an essential tool for developers
who are coding in any computer language and with
its universal language being domain-specific it is
perfect for programming and managing data. This
book, SQL: The Ultimate Intermediate Guide to
Learning SQL Programming Step by Step, expands
on the previous title and is ideal for helping you with

a range of intermediate skills, providing: - A recap on the basics of SQL - An easy guide to installing and configuring SQL - Data types and their functions - Encrypting, creating and indexing views - Getting the most out of stored routines and functions - The benefits of normalizing your data - And more… With this handy and in-depth book, you will be able to build your knowledge and skill of SQL, no matter how you use it. And as it's written in an easy-to-follow style it makes learning a potentially complex task so much simpler. Get your copy now! The most up-to-date Visual Basic.NET programming textbook—covering both fundamentals and advanced-level programming techniques—complete with examples and solutions Visual Basic.NET (VB.NET) is an object-oriented computer programming language that can be viewed as an evolution of the classic Visual Basic (VB), which is implemented on the .NET Framework. Microsoft currently supplies two major implementations of Visual Basic: Microsoft Visual Studio (which is commercial software) and Microsoft Visual Studio Express (which is free of charge). Forgoing the large amounts of programming codes found in most database programming books, Practical Database Programming with Visual Basic.NET shows students and professionals both how to develop professional and practical database programs in a Visual Basic.NET environment by using Visual Studio.NET Data Tools and Wizards

related to ADO.NET 4.0, and how to apply codes
that are auto-generated by solely using Wizards. The
fully updated Second Edition: Covers both
fundamentals and advanced database programming
techniques Introduces three popular database
systems with practical examples including MS
Access, SQL Server 2008, and Oracle Features
more than fifty sample projects with detailed
illustrations and explanations to help students
understand key techniques and programming
technologies Includes downloadable programming
codes and exercise questions This book provides
undergraduate and graduate students as well as
database programmers and software engineers with
the necessary tools to handle the database
programming issues in the Visual Studio.NET
environment.

After a short description of the key concepts of big
data the book explores on the secrecy and security
threats posed especially by cloud based data
storage. It delivers conceptual frameworks and
models along with case studies of recent technology.
Create dynamic client/server applications using
PL/SQL and the comprehensive information
contained in this authoritative volume. Expert Oracle
insiders cover the features of PL/SQL, explain
scripting semantics and syntax, and fully detail the
PL/SQL functionality of Oracle Database 10g. You'll
learn how to write powerful PL/SQL programs,

interact with Oracle databases, perform complex calculations, and handle error conditions.

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