Apex Dev Guide

*Architect and deliver
packaged Force.com
applications that cater to
enterprise business
needsKey Features*
*Salesforce Lightning Wizard
Framework - A framework
built on the top of
Lightning to support
complex requirements of
organisations* Salesforce
Batch Framework - A
framework built on Apex,
Native Salesforce which
helps organisations to
achieve any complex
asynchronous jobs
requirements easily**

Saelsforce Trigger Framework - Step-by-Step process to adopt with Trigger framework which support any complex real time business operations and also reduces cyclomatic complexity at the same time.Book DescriptionSalesforce Coding Genius is neither a tutorial nor a book for beginners. Intended for developers who are already familiar with the Apex language, and experienced Java and C# developers who are moving to Apex, this book starts where the Salesforce Apex

documentation leaves off.Are you facing a challenging Salesforce.com problem--say, relating to automation, configuration, formulation, or reporting--that you can't quite crack? Or maybe you are hoping to infuse some creativity into your solution design strategy to solve problems faster or make solutions more efficient? Salesforce Coding Genius shows you how to unlock the power of the Force.com platform to solve real business problems--and all without writing a line of code. Adhering to

*Salesforce.com's "clicks,
not code", Salesforce.com
expert Markus Koche walks
you through different
business problems and
identifies effective,
creative--and
proven--approaches to
solutions using the
platform's declarative
framework.If you are a
Salesforce.com
administrator, analyst,
consultant, or developer,
you can attest to the
insatiable appetite of users
for new functionality. Your
clients expect
solutions--and now with
Salesforce Coding Genius*

you can deliver a best solution for your project.What you will learn* Package, install, test, and upgrade an application* Define architecture-aligning data storage and functional requirements* Develop Apex code that is easy to navigate, self-documenting, testable, robust, and organic* Leverage your application's clientagnostic Service layer backbone to support numerous platform areas* Get the most from hosting your application within the Lightning Experience and Salesforce1 Mobile clients*

Apply querying, indexing, and asynchronous best practices* Leverage mocking and dependency injection in your Apex tests* Explore tips for developing advanced applicationsThe purpose of this book is to detail best practice for Apex code development on the Salesforce project which should be followed by developers working on the project. It also details some design patterns and testing frameworks which should be adopted where possible to provide robust and scalable platforms as

follows:+ Salesforce Lightning Wizard Framework + Salesforce Batch Apex Framework+ Salesforce Trigger Framework+ Salesforce Lightning Component FrameworkThese frameworks helps in understanding the basics of Apex / Lightning. It is designed on the top of exisiting Apex or Lightning Framework which extends the use cases of most common business logics. This book has defined a lightning component framework that will be leveraged and utilised on

*the project. For any query
or concern drop us a mail
on
info@expounddigital.com
If you are a developer who
wants to learn how to
develop and deploy
applications from the
Salesforce.com platform,
then this book is for you.
No prior knowledge of
Salesforce is necessary.
Salesforce Advanced
Administrator Certification
Guide is a complete
resource that will help you
gain the knowledge and
master the skills required
to earn the advanced
administrator credentials.*

*With plenty of questions
and answers along with
best practices, you will
learn all the concepts asked
in exams specially designed
with this guide.
What will you learn from
this book? It's no secret the
world around you is
becoming more connected,
more configurable, more
programmable, more
computational. You can
remain a passive
participant, or you can
learn to code. With Head
First Learn to Code you'll
learn how to think
computationally and how to
write code to make your*

computer, mobile device, or anything with a CPU do things for you. Using the Python programming language, you'll learn step by step the core concepts of programming as well as many fundamental topics from computer science, such as data structures, storage, abstraction, recursion, and modularity. Why does this book look so different? Based on the latest research in cognitive science and learning theory, Head First Learn to Code uses a visually rich format to engage your mind, rather than a text-

*heavy approach that puts
you to sleep. Why waste
your time struggling with
new concepts? This multi-
sensory learning
experience is designed for
the way your brain really
works.
As a Cookbook, this book
enables you to create APEX
web applications and to
implement features with
immediately usable recipes
that unleash the powerful
functionality of Oracle
APEX 4.2. Each recipe is
presented as a separate,
standalone entity and the
reading of other, prior
recipes is not required.It*

*can be seen as a reference
and a practical guide to
APEX development.This
book is aimed both at
developers new to the
APEX environment and at
intermediate developers.
More advanced developers
will also gain from the
information at hand.If you
are new to APEX you will
find recipes to start
development and if you are
an experienced user you
will find ways to improve
your productivity and
efficiency and make the
most of APEX to enhance
your applications.A little
knowledge of PL/SQL, HTML*

and JavaScript is assumed.
Mastering Salesforce
DevOps
Learning Salesforce
Development with Apex
Learning Force.com
Application Development
Understanding Oracle APEX
20 Application
Development
Become a Certified
Advanced Salesforce
Administrator with this
exam guide
Head First Java
Think Like an Application
Express Developer
Refer to this invaluable how-to
guide for basic training on
Salesforce Lightning.

Salespeople and technical users and consultants will no longer have to resort to learning the interface on their own, which is very time consuming. Learn Salesforce Lightning is a step-by-step visual guide that offers immediate and valuable solutions to the new set of UI tools included in Lightning. With chapters broken down into easily absorbed topics, you walk through the entire process of managing your daily activities within Salesforce, as well as basic customizations and system management. The book explains the primary use cases for Lighting, and

**simplifies some of the more
complex features, such as
opportunity stage management
and the new dashboard
builder. Topics covered
include: Sales and service
management Lightning Apps
on the AppExchange Lightning
dashboards and reports
Lightning security Lightning
Process Builder and more
What You'll Learn Navigate the
Salesforce Lightning interface
Know where to go in the setup
area to make customizations
Create dynamic reports and
dashboards View Lightning on
a mobile device Train other
users on common day-to-day
activities within Lightning**

Who This Book Is for Salespeople, managers, and executives who are currently evaluating Salesforce.com, who recently purchased a license with Salesforce.com, or recently upgraded to the Lightning user interface. This book is also for Salesforce administrators, consultants, project managers, and technical users looking for basic training on Salesforce Lightning. Master the Apex object oriented programming language in this video series from Apex expert Zanis Khan. Click here to watch all of Zanis' other videos on O'Reilly

. There are 15 topics within this Apex video series: Introducing Apex . This first topic in the Apex programming video series provides an overview to Apex. Learn about Apex functionality, architecture, and use cases. Follow along with Zanis to install the Developer Edition of Salesforce. Write your first Apex program. Apex Data Types . This second topic in the Apex programming video series explains data types. Follow along with Zanis during the hands-on part of this video and learn how to use primitive (integer, double, long, date, datetime, string, ID, Boolean),

collection, sObject, Enums, and Class data types. Apex Variables . This third topic in the Apex programming video series explains variables in detail. Follow along with Zanis during the hands-on part of this video and practice creating variables. Realize how similar the variable concept is between Java and Apex. Apex Arrays . This fourth topic in the Apex programming video series explores arrays. Follow along with Zanis during the hands-on part of this video and practice creating arrays and inserting and accessing elements of an array. Apex Constants . This fifth topic in

the Apex programming video series explains constants, which are variables which do not change their value once assigned. Follow along with Zanis during the hands-on part of this video and learn how to create and use constants. Decision Making in Apex . This sixth topic in the Apex programming video series explains decision making in Apex. Follow along with Zanis during the hands-on part of this video and practice creating IF and IF-ELSE statements in Apex. Apex Loops . This seventh topic in the Apex programming video series covers loops. Follow

**along with Zanis during the
hands-on part of this video and
learn when to use loops and
how to create FOR, WHILE,
and DO-WHILE loops in Apex.
Apex Classes . This eighth
topic in the Apex programming
video series focuses on classes.
Follow along with Zanis during
the hands-on part of this video
and learn how to create and
use classes and their modifiers
(Private, Public, and Global) in
Apex. Apex Methods . This
ninth topic in the Apex
programming video series
explains methods (also known
as functions). Follow along
with Zanis during the hands-on
part of this video and practice**

writing public and protected methods, and...

Master the advanced concepts of PL/SQL for professional-level certification and learn the new capabilities of Oracle Database 12c About This Book Learn advanced application development features of Oracle Database 12c and prepare for the 1Z0-146 examination Build robust and secure applications in Oracle PL/SQL using the best practices Packed with feature demonstrations and illustrations that will help you learn and understand the enhanced capabilities of Oracle Database 12c Who This Book Is For This book is for

**Oracle developers responsible
for database management.
Readers are expected to have
basic knowledge of Oracle
Database and the
fundamentals of PL/SQL
programming. Certification
aspirants can use this book to
prepare for 1Z0-146
examination in order to be an
Oracle Certified Professional
in Advanced PL/SQL. What You
Will Learn Learn and
understand the key SQL and
PL/SQL features of Oracle
Database 12c Understand the
new Multitenant architecture
and Database In-Memory
option of Oracle Database 12c
Know more about the advanced**

concepts of the Oracle PL/SQL language such as external procedures, securing data using Virtual Private Database (VPD), SecureFiles, and PL/SQL code tracing and profiling Implement Virtual Private Databases to prevent unauthorized data access Trace, analyze, profile, and debug PL/SQL code while developing database applications Integrate the new application development features of Oracle Database 12c with the current concepts Discover techniques to analyze and maintain PL/SQL code Get acquainted with the best practices of writing PL/SQL

code and develop secure applications In Detail Oracle Database is one of the most popular databases and allows users to make efficient use of their resources and to enhance service levels while reducing the IT costs incurred. Oracle Database is sometimes compared with Microsoft SQL Server, however, Oracle Database clearly supersedes SQL server in terms of high availability and addressing planned and unplanned downtime. Oracle PL/SQL provides a rich platform for application developers to code and build scalable database applications and introduces

**multiple new features and
enhancements to improve
development experience.
Advanced Oracle PL/SQL
Developer's Guide, Second
Edition is a handy technical
reference for seasoned
professionals in the database
development space. This book
starts with a refresher of
fundamental concepts of
PL/SQL, such as anonymous
block, subprograms, and
exceptions, and prepares you
for the upcoming advanced
concepts. The next chapter
introduces you to the new
features of Oracle Database
12c, not limited to PL/SQL. In
this chapter, you will**

understand some of the most talked about features such as Multitenant and Database In-Memory. Moving forward, each chapter introduces advanced concepts with the help of demonstrations, and provides you with the latest update from Oracle Database 12c context. This helps you to visualize the pre- and post-applications of a feature over the database releases. By the end of this book, you will have become an expert in PL/SQL programming and will be able to implement advanced concepts of PL/SQL for efficient management of Oracle Database. Style and approach The book follows the

structure of the Oracle Certification examination but doesn't restrict itself to the exam objectives. Advanced concepts have been explained in an easy-to-understand style, supported with feature demonstrations and case illustrations. Click your way to automating business processes with Salesforce Visual Workflow Key Features Create and maintain complex business processes using Process builder Discover how to debug and deploy Flow and Process Builder Use new or existing Flows to work with Salesforce Lightning Experience Book

Description Salesforce Management System is an information system used in CRM to automate business processes, such as sales and marketing. Process Builder is a visual tool created to automate business processes in Salesforce. It enables users with no coding expertise to build complex Salesforce workflows. The book starts with an introduction to Process Builder, focussing on the building blocks of creating Processes. Then you will learn about different applications of Process Builder for developing streamlined solutions. You will learn how to easily automate

business processes and tackle complex business scenarios using Processes. The book explains the workings of the Process Builder so that you can create reusable processes. It also explains how you can migrate existing Workflow Rules to Process Builder. By the end of the book, you will have a clear understanding of how to use Flows and Process Builder to optimize code usage. What you will learn Develop an application using point and click with the help of Process Builder Bypass Processes for specific users Understand the concepts of reusable processes Handle

**complex business processes
using Process Builder and
keep them clean Work with
formulae in Process Builder to
minimize the code required
Create a process with no
criteria so as to minimize the
amount of rework Overcome
Salesforce's known limitation
in terms of referencing picklist
values Who this book is for
This book is for people who
want to use Process Builder to
automate their business
requirements by clicking, not
coding. A basic understanding
of Salesforce is required, but
not extensive programming
knowledge.
This new edition of**

Understanding Oracle APEX 5 Application Development shows APEX developers how to build practical, non-trivial web applications. The book introduces the world of APEX properties, explaining the functionality supported by each page component as well as the techniques developers use to achieve that functionality. The book is targeted at those who are new to APEX and just beginning to develop real projects for production deployment. Reading the book and working the examples will leave you in a good position to build good-looking, highly-functional, web

applications. Topics include: conditional formatting, user-customized reports, data entry forms, concurrency and lost updates, and updatable reports. Accompanying the book is a demo web application that illustrates each concept mentioned in the book. Specific attention is given in the book to the thought process involved in choosing and assembling APEX components and features to deliver a specific result. Understanding Oracle APEX 5 Application Development is the ideal book to take you from an understanding of the individual pieces of APEX to an

**understanding of how those
pieces are assembled into
polished applications. Teaches
how to develop non-trivial
APEX applications. Provides
deep understanding of APEX
functionality. Shows the
techniques needed for
customization.
Becoming a Salesforce
Certified Technical Architect
Practical Salesforce
Development Without Code
Write, Run and Deploy Apex
Code with Ease
Cross-species perspectives on
grief and spirituality
Apex Developer Guide
Development with the
Force.com Platform**

A pragmatic guide for aspiring Salesforce architects and developers to manage, govern, and secure their data effectively

This book is not intended to be a deep-dive on security, programming, reporting, configuration, etc. but more of a high-level overview on salesforce.com, Force.com development, tools, methodology and other resources. We will not cover all aspects of salesforce.com. We wrote this book to (hopefully) become an invaluable resource for anyone new or inexperienced with the Force.com platform. For new administrators and developers coming on to the platform, we see a gaping hole in existing reference books. This book is not intended for end users or advanced

developers. This book is for people somewhere in the middle; let's say a business analyst or a new Java or .NET developer. We would like this to be the first book you pick up after your boss walks in and says, "Let's take a look at salesforce.com and see if we can build some applications in the cloud."This book contains the information that we wish we had when we started developing applications on Force.com.
Get started developing on the Force.com platform in no time. With step-by-step guidance, starting with setting up your developer environment and progressing through to deploying to production, you will learn industry best practices to release robust custom applications with tangible benefits to your company or your client. Geared

specifically toward beginning developers, Beginning Salesforce Developer establishes a strong understanding of basic code constructs through examples. Rather than simply explaining how to use the platform, you will receive a comprehensive understanding of why, allowing you to address platform quirks and "gotchas" that might occur. The book also serves to lay the foundation for continuing on to Salesforce Developer Pro. What You'll Learn Configure your Salesforce development environment Understand the Salesforce data model and query languages Create basic Apex triggers Use standard controllers with basic Visualforce pages Utilize Visualforce with custom-built Apex controllers Write test coverage Who This Book Is For Salesforce

administrators who wish to transition into developing on the Force.com platform. The book also serves as a quick immersion into the world of development for complete beginners through proprietary Salesforce development languages on the Force.com platform.
Mastering Apex ProgrammingA developer's guide to learning advanced techniques and best practices for building robust Salesforce applicationsPackt Publishing Ltd
Build, design, and style beautiful and informative applications on the Salesforce Lightning platform Key Features Build and Test Lightning Components that enhance application usability and adaptability Apply Security Best Practices to your Custom Lightning Components Design

Lightning Components for Salesforce
UIs such as Lightning Pages,
Salesforce 1 Application,
Communities, and more. Book
Description Built on the Salesforce
App Cloud, the new Salesforce
Lightning Experience combines three
major components: Lightning Design
System, Lightning App Builder, and
Lightning Components, to provide an
enhanced user experience. This book
will enable you to quickly create
modern, enterprise apps with
Lightning Component Framework.
You will start by building simple
Lightning Components and
understanding the Lightning
Components architecture. The
chapters cover the basics of Lightning
Component Framework semantics and
syntax, the security features provided
by Locker Service, and use of third-

party libraries inside Lightning Components. The later chapters focus on debugging, performance tuning, testing using Lightning Testing Services, and how to publish Lightning Components on Salesforce AppExchange. What you will learn Understand Lightning Components architecture Learn Locker security best practices Debug and Improve performance of your Lightning Components Use third-party libraries along with Lightning Component Framework Learn how to publish Lightning Components on AppExchange Use Lightning Out to take your Lightning Components outside the Salesforce platform Who this book is for This book is for Salesforce developers or developers from other platforms who are familiar with HTML, CSS, and JavaScript and

want to build and test Salesforce Lightning components. No knowledge of Salesforce Lightning is required. Architect and deliver packaged Force.com applications that cater to enterprise business needs About This Book Explore the lightning framework, advanced application life cycle processes, and testing Use the Force.com platform to build truly integrated, scalable, and robustly engineered applications focused on enterprise-level customer demands Using the Lightning technology to deliver modern and responsive user experiences targeting multiple devices through Lightning Experience and Salesforce1 Mobile. Step-by-step, work on examples to get you building your own ready-to-install packaged application Who This Book Is For This book is for advanced Force.com

developers and architects who need to understand the Salesforce platform from the perspective of enterprise-level requirements. A prior understanding of Apex and Visualforce is a must. Those familiar with other enterprise software ecosystems will also find this book ideal as they adopt Force.com. What You Will Learn Package, install, test, and upgrade an application Define architecture-aligning data storage and functional requirements Develop Apex code that is easy to navigate, self-documenting, testable, robust, and organic Leverage your application's clientagnostic Service layer backbone to support numerous platform areas Get the most from hosting your application within the Lightning Experience and Salesforce1 Mobile clients Apply querying, indexing, and

asynchronous best practices Leverage mocking and dependency injection in your Apex tests Explore tips for developing advanced applications In Detail Companies of all sizes have seen the need for Force.com's architectural strategy focused on enabling their business objectives. Successful enterprise applications require planning, commitment, and investment in the best tools, processes, and features available. This book will teach you how to architect and support enduring applications for enterprise clients with Salesforce by exploring how to identify architecture needs and design solutions based on industry standard patterns. There are several ways to build solutions on Force.com, and this book will guide you through a logical path and show you the steps and considerations

required to build packaged solutions from start to finish. It covers all aspects, from engineering to getting your application into the hands of your customers, and ensuring that they get the best value possible from your Force.com application. You will get acquainted with extending tools such as Lightning App Builder, Process Builder, and Flow with your own application logic. In addition to building your own application API, you will learn the techniques required to leverage the latest Lightning technologies on desktop and mobile platforms. Style and approach The book takes a straightforward approach, taking apart the Force.com architecture for you to gain a deep understanding of how you can implement the Salesforce platform based on enterprise-level

requirements.
Web Development with Django
Mastering Apex Programming
Force.com Enterprise Architecture
Salesforce Data Architecture and
Management
Salesforce Advanced Administrator
Certification Guide
Learn Salesforce Lightning
Prepare for the review board by
practicing example-led architectural
strategies and best practices
**In clearly written chapters you
will be guided through different
aspects of Oracle Application
Express. Varying from setting up
your environment to maximizing
SQL and PL/SQL. Examples are
given based on a simple but
appealing case. This book is filled
with best practices on how to
make the most of Oracle APEX.**

Developers beginning with application development as well as those who are experienced will benefit from this book. You will need to have basic knowledge of SQL and PL/SQL to follow the examples in this book. Use this hands-on guide to build powerful solutions on the Salesforce platform without using a single line of code. This revised and expanded second edition includes Process Builder, Flow Builder, Lightning App Builder, Lightning Bolt Solutions, and more. Practical Salesforce Development Without Code shows you how to unlock the power of the Salesforce platform to solve real business problems. Adhering to Salesforce's "clicks, not code" mantra, Salesforce

expert Phil Weinmeister walks Salesforce newcomers and veterans through different business problems and identifies effective—and proven—approaches to solutions using the platform's declarative framework. By adopting this book as your guide, you will learn how to deliver business solutions within Salesforce by combining analysis, creativity, and logic with core elements such as validation rules, workflow rules, processes, flows, formula fields, and Lightning apps. In addition, Weinmeister dissects and explains the most useful functions and features for declarative developers and shows you how to use them. Best of all, Weinmeister uses real-life

business scenarios and visuals. Applying the lessons learned from this how-to guide will ultimately save you time and ensure that your clients or internal customers are enabled, equipped, and empowered. What You'll Learn Build objects, fields, and relationships to establish a sensible data model Automate business processes by using Workflow, Process Builder, and Flow Utilize functions and develop formulas effectively for a variety of business needs Develop approval processes to handle exception scenarios Employ actions to easily create efficient and relevant user experiences Manage your environments and deploy your solutions Who This Book Is for

**Business analysts, Salesforce
administrators, and Salesforce
developers
Learn everything you need to
become a successful data
architect on the Salesforce
platform Key FeaturesAdopt best
practices relating to data
governance and learn how to
implement themLearn how to
work with data in Salesforce
while maintaining scalability and
security of an instanceGain
insights into managing large data
volumes in SalesforceBook
Description As Salesforce orgs
mature over time, data
management and integrations
are becoming more challenging
than ever. Salesforce Data
Architecture and Management
follows a hands-on approach to**

managing data and tracking the performance of your Salesforce org. You'll start by understanding the role and skills required to become a successful data architect. The book focuses on data modeling concepts, how to apply them in Salesforce, and how they relate to objects and fields in Salesforce. You'll learn the intricacies of managing data in Salesforce, starting from understanding why Salesforce has chosen to optimize for read rather than write operations. After developing a solid foundation, you'll explore examples and best practices for managing your data. You'll understand how to manage your master data and discover what the Golden Record is and why it

is important for organizations. Next, you'll learn how to align your MDM and CRM strategy with a discussion on Salesforce's Customer 360 and its key components. You'll also cover data governance, its multiple facets, and how GDPR compliance can be achieved with Salesforce. Finally, you'll discover Large Data Volumes (LDVs) and best practices for migrating data using APIs. By the end of this book, you'll be well-versed with data management, data backup, storage, and archiving in Salesforce. What you will learnUnderstand the Salesforce data architectureExplore various data backup and archival strategiesUnderstand how the

Salesforce platform is designed and how it is different from other relational databasesUncover tools that can help in data management that minimize data trust issues in your Salesforce orgFocus on the Salesforce Customer 360 platform, its key components, and how it can help organizations in connecting with customersDiscover how Salesforce can be used for GDPR complianceMeasure and monitor the performance of your Salesforce orgWho this book is for This book is for aspiring architects, Salesforce admins, and developers. You will also find the book useful if you're preparing for the Salesforce Data Architecture and Management exam. A basic understanding of

**Salesforce is assumed.
This book shows developers and
Oracle professionals how to build
practical, non-trivial web
applications using Oracle's rapid
application development
environment – Application
Express (APEX). This third edition
Is revised to cover the new
features and user interface
experience found in APEX 20.
Interactive grids and form
regions are two of the newer
aspects of APEX covered in this
edition. The book is targeted at
those who are new to APEX and
just beginning to develop real
projects for deployment, as well
as those who are familiar with
APEX and want a deeper
understanding. The book takes
you through the development of**

**a demo web application that
illustrates the concepts all APEX
programmers should know. This
book introduces the world of
APEX properties, explaining the
functionality supported by each
page component as well as the
techniques developers use to
achieve that functionality. Topics
include conditional formatting,
user-customized reports, data
entry forms, concurrency and lost
updates, and security control.
Specific attention is given in the
book to the thought process
involved in choosing and
assembling APEX components
and features to deliver a specific
result. Understanding Oracle
APEX 20 Application
Development, 3rd Edition is the
ideal book to take you from an**

**understanding of the individual
pieces of APEX to an
understanding of how those
pieces are assembled into
polished applications. What You
Will Learn Build attractive, highly
functional web apps from the
ground up Enhance and
customize pages created by the
APEX wizards Understand the
security implications of page
design Write PL/SQL code for
process activity and verification
Build complex components such
as forms and interactive grids
Who This Book Is For Developers
new to APEX who desire a strong
fundamental understanding of
how APEX applications work. For
existing developers and database
administrators desiring to mine
the most value from APEX by**

**improving their development
techniques.
Provides information on building
applications and solving
enterprise challenges using
Force.com.
Advanced Apex Programming in
Salesforce
Salesforce Lightning Platform
Enterprise Architecture
Build and test Lightning
Components for Salesforce
Lightning Experience using
Salesforce DX
The Definitive Guide to Writing
Reliable and Efficient Code in
Apex
A Brain-Friendly Guide
Building Business Applications in
the Cloud
Learning Apex Programming**
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.

Get to grips with the advanced features of Apex programming for Salesforce developers using this comprehensive guide Key FeaturesDiscover how to build reliable applications with Apex by avoiding common mistakes and pitfallsLearn how to use the different asynchronous programming tools in ApexProfile and improve the performance of your Apex codeBook Description As applications built on the Salesforce platform are now a key part of many organizations,

developers are shifting focus to Apex, Salesforce's proprietary programming language. As a Salesforce developer, it is important to understand the range of tools at your disposal, how and when to use them, and best practices for working with Apex. Mastering Apex Programming will help you explore the advanced features of Apex programming and guide you in delivering robust solutions that scale. This book starts by taking you through common Apex mistakes, debugging, exception handling, and testing. You'll then discover different asynchronous Apex programming options and develop custom Apex REST web services. The book shows you how to define and

utilize Batch Apex, Queueable Apex, and Scheduled Apex using common scenarios before teaching you how to define, publish, and consume platform events and RESTful endpoints with Apex. Finally, you'll learn how to profile and improve the performance of your Apex application, including architecture trade-offs. With code examples used to facilitate discussion throughout, by the end of the book, you'll have developed the skills needed to build robust and scalable applications in Apex. What you will learnUnderstand common coding mistakes in Apex and how to avoid them using best practicesFind out how to debug a Salesforce Apex application

effectivelyExplore different asynchronous Apex options and their common use casesDiscover tips to work effectively with platform eventsDevelop custom Apex REST services to allow inbound integrationsBuild complex logic and processes on the Salesforce platformWho this book is for This book is for Salesforce developers who are interested in mastering Apex programming skills. You'll also find this book helpful if you're an experienced Java or C # developer looking to switch to Apex programming for developing apps on the Salesforce platform. Basic Apex programming knowledge is essential to understand the concepts covered.

Harness the power of Apex design patterns to build robust and scalable code architectures on the Force.com platform About This Book Apply Creational, Structural and behavioural patterns in Apex to fix governor limit issues. Have a grasp of the anti patterns to be taken care in Apex which could have adverse effect on the application. The authors, Jitendra Zaa is a salesforce MVP and Anshul Verma has 12+ years of experience in the area of application development. Who This Book Is For If you are a competent developer with working knowledge of Apex, and now want to deep dive into the world of Apex design patterns to optimize the application performance, then this

book is for you. Prior knowledge of Salesforce and Force.com platform is recommended. What You Will Learn Apply OOPs principal in Apex to design a robust and efficient solution to address various facets to a business problem Get to grips with the benefits and applicability of using different design patterns in Apex Solve problems while instantiating, structuring and giving dynamic behavior to Apex classes Understand the implementation of creational, structural, behavioral, concurrency and anti-patterns in your application Follow the Apex best practices to resolve governor limit issues Get clued up about the Inheritance, abstract classes, polymorphism in

Apex to deal with the object mechanism Master various design patterns and determine the best out of them Explore the anti patterns that could not be applied to Apex and their appropriate solutions In Detail Apex is an on-demand programming language providing a complete set of features for building business applications – including data models and objects to manage data. Apex being a proprietor programming language from Salesforce to be worked with multi tenant environment is a lot different than traditional OOPs languages like Java and C#. It acts as a workflow engine for managing collaboration of the data between users, a user interface

model to handle forms and other interactions, and a SOAP API for programmatic access and integration. Apex Design Patterns gives you an insight to several problematic situations that can arise while developing on Force.com platform and the usage of Design patterns to solve them. Packed with real life examples, it gives you a walkthrough from learning design patterns that Apex can offer us, to implementing the appropriate ones in your own application. Furthermore, we learn about the creational patterns that deal with object creation mechanism and structural patterns that helps to identify the relationship between entities. Also, the behavioural and

concurrency patterns are put forward explaining the communication between objects and multi-threaded programming paradigm respectively. We later on, deal with the issues regarding structuring of classes, instantiating or how to give a dynamic behaviour at a runtime, with the help of anti-patterns. We learn the basic OOPs principal in polymorphic and modular way to enhance its capability. Also, best practices of writing Apex code are explained to differentiate between the implementation of appropriate patterns. This book will also explain some unique patterns that could be applied to get around governor limits. By the end of this book, you will be a maestro in

developing your applications on Force.com for Salesforce Style and approach This book is a step-by-step guide, complete with well-tested programs and real world situations to solve your common occurring problems in Apex design by using the anti-patterns. It gets crackling from exploring every appropriate solution to comparing the best one as per OOps principal.

This practical guide brings DevOps principles to Salesforce development. It fits together two major movements within the IT world: the movement to Software/Platform as a Service (SaaS/PaaS), and the DevOps movement. While SaaS and PaaS allow companies to invest in their

core competencies rather than maintain their own infrastructure, the goal of DevOps is to optimize the process of delivering software innovation and value. The release of Salesforce DX in late 2017 unlocks the possibility of a true DevOps workflow on Salesforce. But DevOps is new to the Salesforce world and there is not a widespread understanding of its goals and methods, and so adoption of Salesforce DX is still in the early stages. Mastering Salesforce DevOps explains how to build a powerful and comprehensive DevOps workflow for Salesforce—allowing you to finally deploy the world's most innovative platform using the world's most effective and efficient techniques. It

addresses the need for a comprehensive guide to DevOps for Salesforce, allowing teams to bring proven practices from the IT world to resolve the hardest problems facing Salesforce developers today. What You Will Learn Improve company performance and software delivery performance using Salesforce DX Translate DevOps concepts into the unique language and practices of Salesforce Understand why and how you can implement Salesforce DX to achieve greater productivity and innovation Enable continuous delivery on Salesforce Build packages and architect code so it can be deployed easilyAllow admins to participate in what has traditionally

been a developer workflow Know the techniques for reducing the stress and risk of deploymentApply the full range of automated tests that can be used on Salesforce Who This Book Is for Salesforce developers, release managers, and those managing Salesforce development teams who need a guide to DevOps, and DevOps specialists who need to apply familiar concepts to Salesforce
Beyond the Salesforce documentation - Fifth edition Advanced Apex Programming in Salesforce is neither a tutorial nor a book for beginners. Intended for developers who are already familiar with the Apex language, and experienced Java and C# developers who are moving to

Apex, this book starts where the Salesforce Apex documentation leaves off. Instead of trying to cover all of the features of the platform, Advanced Apex programming focuses entirely on the Apex language and core design patterns. You'll learn how to truly think in Apex - to embrace limits and bulk patterns. You'll see how to develop architectures for efficient and reliable trigger handling, and for asynchronous operations. You'll discover that best practices differ radically depending on whether you are building software for a specific organization or for a managed package. And you'll find approaches for incorporating testing and

diagnostic code that can dramatically improve the reliability and deployment of Apex software, and reduce your lifecycle and support costs. Based on his experience as a consultant, Salesforce MVP and architect of major AppExchange packages, Dan Appleman focuses on the real-world problems and issues that are faced by Apex developers every day, along with the obscure problems and surprises that can sneak up on you if you are unprepared. This fifth edition contains updates through Winter 22 (API 53) along with significant new content including a complete rewrite of chapter 6 (Triggers)

A Practical Guide to Building Trust

While Delivering Innovation
Salesforce Platform Developer I
Certification Guide
Enter the Animal
Leading Programmers Explain How
They Think
The Visual Guide to the Lightning UI
Beautiful Code
Visualforce Developer's Guide
**"This book is the missing link
... and should be required
reading for anyone looking to
launch or grow a career
within the Salesforce
ecosystem." -Selina Suarez,
Executive director/founder,
PepUp Tech In the next two
years, an estimated 3.3
million jobs in the Salesforce
ecosystem will open, and one**

of them could be yours. But how can you sort through all these jobs-administrators, architects, analysts, developers, consultants-and find the one that is right for you? And how do you package yourself to win the job position?Martin Gessner, author of The Salesforce Career Playbook, is known in the Salesforce community for his highly regarded Salesforce credentials training. He has helped thousands of Salesforce professionals learn Salesforce, develop their careers, and prepare for certifications.Now, he has written the definitive guide to starting your Salesforce career, and moving up the

ladder. From the Back Cover Packed with case studies and advice from people in the trenches of a Salesforce career, The Salesforce Career Playbook will help you: Find job opportunities and showcase your skills so that you land a job...and not just any old job, but the right job that is best suited to your personality, skills, and lifestyle preferences. Sort through the different careers available, and see a day-in-the-life of real Salesforce professionals working in these jobs.Learn insider tips and strategies for developing and growing your career once you have joined the Salesforce ecosystem.Regardless of

whether you have a master's degree in information technology or no formal education beyond eighth grade, you can earn a more-than-competitive wage and move up the ladder in a Salesforce-related career, and jobs are available for techies and not-techies alike. Editorial Reviews "I wish I had read The Salesforce Career Playbook six years ago when I did my transition into the Salesforce ecosystem."-Sergey Erlikh, MVP and solution architect "People don't put in enough time thinking about their careers. You can't just work hard and hope everything works out okay. You have to proactively plan

**your short- and long-term
career, which is why I
recommend studying Martin's
Salesforce Career
Playbook!"-David Liu,
Salesforce technical architect,
Salesforce MVP "I love the
advice from all the people
already working in Salesforce,
from the nuts and bolts of
landing the first job to the
high-level advice for finding
the right
trajectory."-Christine
Marshall, MVP and Salesforce
administrator"Whether you
are a newbie, a career-
changer, or advancing in your
career, this book will help you
find and take the next
step."-Ben Duncombe,
Director and Salesforce**

recruitment specialist at Talent Hub, a Salesforce recruitment firm "There's much more to being a successful Salesforce professional than simply accumulating Trailhead badges and Salesforce certifications. This book sheds light on some of the other critical elements (and skills) needed for career success."-David Giller, Salesforce Consultant & Trainer, CEO at Brainiate" This book is about finding your home in Salesforce-and not just any home, but the right home. It's about figuring out who you are as a person and making sure you align your career with what you

want out of life." -Anna Loughnan, CRM product lead, community group leader, Salesforce MVP "An excellent read for those navigating their Salesforce careers! Packed with tips for positioning yourself and getting hired." -Stuart Smith, Co-founder and director of SaaSpeople, a Salesforce recruitment firm "This book should be required reading for anyone interested in starting or advancing their career in Salesforce." -Vickie Jeffery, Salesforce MVP, technology manager, Ausure, one of Australia's largest insurance broking companies How do the experts solve difficult problems in software

development? In this unique and insightful book, leading computer scientists offer case studies that reveal how they found unusual, carefully designed solutions to high-profile projects. You will be able to look over the shoulder of major coding and design experts to see problems through their eyes. This is not simply another design patterns book, or another software engineering treatise on the right and wrong way to do things. The authors think aloud as they work through their project's architecture, the tradeoffs made in its construction, and when it was important to break rules. This book contains 33 chapters

contributed by Brian Kernighan, KarlFogel, Jon Bentley, Tim Bray, Elliotte Rusty Harold, Michael Feathers,Alberto Savoia, Charles Petzold, Douglas Crockford, Henry S. Warren,Jr., Ashish Gulhati, Lincoln Stein, Jim Kent, Jack Dongarra and PiotrLuszczek, Adam Kolawa, Greg Kroah-Hartman, Diomidis Spinellis, AndrewKuchling, Travis E. Oliphant, Ronald Mak, Rogerio Atem de Carvalho andRafael Monnerat, Bryan Cantrill, Jeff Dean and Sanjay Ghemawat, SimonPeyton Jones, Kent Dybvig, William Otte and Douglas C. Schmidt, AndrewPatzer, Andreas Zeller, Yukihiro Matsumoto, Arun

**Mehta, TV Raman,Laura
Wingerd and Christopher
Seiwald, and Brian Hayes.
Beautiful Code is an
opportunity for master coders
to tell their story. All author
royalties will be donated to
Amnesty International.
Note: The third edition of this
book is now available ISBN:
978-1936754106 in both
paperback and eBook formats
Beyond the Force.com
documentation - Second
edition Advanced Apex
Programming for
Salesforce.com and Force.com
is neither a tutorial nor a
book for beginners. Intended
for developers who are already
familiar with the Apex
language, and experienced**

Java and C# developers who are moving to Apex, this book starts where the Force.com documentation leaves off. Instead of trying to cover all of the features of the platform, Advanced Apex programming focuses entirely on the Apex language and core design patterns. You'll learn how to truly think in Apex - to embrace limits and bulk patterns. You'll see how to develop architectures for efficient and reliable trigger handling, and for asynchronous operations. You'll discover that best practices differ radically depending on whether you are building software for a specific organization or for a

managed package. And you'll find approaches for incorporating testing and diagnostic code that can dramatically improve the reliability and deployment of Apex software, and reduce your lifecycle and support costs. Based on his experience as a consultant, Force.com MVP and architect of a major AppExchange package, Dan Appleman focuses on the real-world problems and issues that are faced by Apex developers every day, along with the obscure problems and surprises that can sneak up on you if you are unprepared. This second edition contains updates through Winter 14 (API 29)

along with significant new content on triggers, asynchronous design patterns, concurrency and more Design and build high-performance, secure, and scalable Salesforce solutions to meet business demands and gain practical experience using real-world scenarios by creating engaging end-to-end solution presentations Key Features • Learn common integration, data migration, and security patterns for designing scalable and reliable solutions on the Salesforce Lightning platform • Build an end-to-end delivery framework pipeline for delivering successful projects within specified timelines •

Gain access to an exclusive book club of skilled Salesforce professionals, to discuss ideas, best practices, and share experiences of designing modern solutions using Salesforce Book Description Salesforce Certified Technical Architect (CTA) is the ultimate certification to validate your knowledge and skills when it comes to designing and building high-performance technical solutions on the Salesforce platform. The CTA certificate is granted after successfully passing the CTA review board exam, which tests your platform expertise and soft skills for communicating your solutions

and vision. You'll start with the core concepts that every architect should master, including data lifecycle, integration, and security, and build your aptitude for creating high-level technical solutions. Using real-world examples, you'll explore essential topics such as selecting systems or components for your solutions, designing scalable and secure Salesforce architecture, and planning the development lifecycle and deployments. Finally, you'll work on two full mock scenarios that simulate the review board exam, helping you learn how to identify requirements, create a draft

solution, and combine all the elements together to create an engaging story to present in front of the board or to a client in real life. By the end of this Salesforce book, you'll have gained the knowledge and skills required to pass the review board exam and implement architectural best practices and strategies in your day-to-day work. What you will learn • Explore data lifecycle management and apply it effectively in the Salesforce ecosystem • Design appropriate enterprise integration interfaces to build your connected solution • Understand the essential concepts of identity and access management • Develop

scalable Salesforce data and system architecture • Design the project environment and release strategy for your solution • Articulate the benefits, limitations, and design considerations relating to your solution • Discover tips, tricks, and strategies to prepare for the Salesforce CTA review board exam Who this book is for This book is for Salesforce architects who want to become certified technical architects by learning how to design secure and scalable technical solutions for their organizations. A solid understanding of the Salesforce platform is required, ideally combined

with 3 to 5 years of practical experience as an application architect, system architect, enterprise architect, or solution architect. Table of Contents • Starting Your Journey as a CTA • Core Architectural Concepts - Data • Core Architectural Concepts - Integration and Cryptography • Core Architectural Concepts - Identity and Access Management • Developing a Scalable System Architecture • Formulating a Secure Architecture in Salesforce • Designing a Scalable Salesforce Data Architecture • Creating a Lean Solution Architecture • Forging an Integrated Solution •

Development Life Cycle and Deployment Planning • Communicating and Socialising Your Solution • Practice the Review Board - First Mock (N.B. Please use the Look Inside option to see further chapters)
Learn to harness the power of the Apex language to build Salesforce applications KEY FEATURES - Learn how to work with the Apex language. - Learn how to develop Apex Triggers. - Learn how to use SOQL and SOSL to retrieve data. - Learn how to write Object-Oriented Salesforce code. - Explore the best practices to deliver scalable and maintainable code. DESCRIPTION This book

**covers the fundamentals of
the Salesforce Apex
programming language used
by developers to build
powerful applications in the
cloud. In this book, you will
learn how to work with the
Apex language to build
scalable applications that can
interact with and update data
from your users. We cover the
language from the ground up,
introducing programming
concepts such as variables
and control statements
alongside clear and concise
examples to help you
understand the key concepts
and features. Platform-
specific features such as Apex
triggers, SOQL and SOSL are
covered in detail to help**

ensure you deliver robust and scalable solutions. Nuances and best practices for development are discussed along with how to effectively test your code to ensure that you can deploy it to users with confidence. Object-oriented programming in Apex is also covered in-depth to ensure that you can develop dynamic solutions and build for the future. The book also discusses and shows developers how to integrate with third-party solutions using REST APIs in Apex. By the end of the book, the reader will know how to start developing applications using Apex with confidence. WHAT WILL YOU LEARN - Learn how

to declare variables in Apex. - Understand how to work with collections in Apex. - Use different control statements within Apex to control program flow. - Learn how to use the built-in tools to test in Apex. - Understand how to make callouts to external applications and data sources. WHO THIS BOOK IS FOR This book is intended for those starting out with Apex, whether existing Salesforce Admins or those joining the Salesforce ecosystem with little professional prior programming experience, such as students. The reader is expected to have some basic familiarity with Salesforce as a platform, although key

**concepts are reviewed. TABLE
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Introduction to the Salesforce
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Oracle APEX Best Practices**
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using the latest features of
Spring '19 Key Features An
end-to end-guide with
practice tests to help you
achieve the Salesforce
Platform Developer
certification Design data
models, user interfaces, and
business logic for your
custom applications
Understand the complete

development life cycle from designing to testing Book Description Salesforce Lightning Platform, used to build enterprise apps, is being increasingly adopted by admins, business analysts, consultants, architects, and especially developers. With this Salesforce certification, you'll be able to enhance your development skills and become a valuable member of your organization. This certification guide is designed to be completely aligned with the official exam study guide for the

latest Salesforce Certified
Platform Developer I release
and includes updates from
Spring '19. Starting with
Salesforce fundamentals and
performing data modeling
and management, you'll
progress to automating logic
and processes and working
on user interfaces with
Salesforce components.
Finally, you'll learn how to
work with testing
frameworks, perform
debugging, and deploy
metadata, and get to grips
with useful tips and tricks.
Each chapter concludes with
sample questions that are

commonly found in the exam, and the book wraps up with mock tests to help you prepare for the DEV501 certification exam. By the end of the book, you'll be ready to take the exam and earn your Salesforce Certified Platform Developer I certification. What you will learn Solve sample questions and mock tests and work with exam patterns Gain an understanding of declarative Salesforce tools such as Process Builder, flows, and many more Code in Salesforce using the Developer Console and IDEs

Grasp the basics of object-oriented programming Write Apex classes, Visualforce pages, and Apex test classes with easy-to-follow steps Explore the different deployment tools that you can use to push metadata to different environments Build custom declarative apps and programs on Force.com platforms Who this book is for The Salesforce Platform Developer I Certification Guide is for you if you want to learn how to develop and deploy business logic and user interfaces using the capabilities of the Lightning

Platform. No prior knowledge of Apex programming is required.

A comprehensive guide filled with best practices and tailor-made examples - a must-read for all Lightning Platform architects! Key FeaturesUse the Lightning Platform to build integrated, scalable, and robust apps focused on enterprise-level customer demandsUse the Lightning Component framework to deliver modern and responsive user experiences targeting multiple devices through Lightning Experience and

Salesforce MobileExtend
your application with access
to external services and
AIBook Description
Salesforce Lightning
provides a secure and
scalable platform to build,
deploy, customize, and
upgrade applications. This
book will take you through
the architecture of building
an application on the
Lightning platform to help
you understand its features
and best practices, and
ensure that your app keeps
up with your customers'
increasing needs as well as
the innovations on the

platform. This book guides you in working with the popular aPaaS offering from Salesforce, the Lightning Platform. You'll see how to build and ship enterprise-grade apps that not only leverage the platform's many productivity features, but also prepare your app to harness its extensibility and customization capabilities. You'll even get to grips with advanced application architectural design patterns such as Separation of Concerns, Unit Testing and Dependency Integration. You will learn to use Apex and

JavaScript with Lightning Web Components, Platform Events, among others, with the help of a sample app illustrating patterns that will ensure your own applications endure and evolve with the platform. Finally, you will become familiar with using Salesforce DX to develop, publish, and monitor a sample app and experience standard application life cycle processes along with tools such as Jenkins to implement CI/CD. By the end of this book, you will have learned how to develop effective business apps and

be ready to explore
innovative ways to meet
customer demands. What
you will learnCreate and
deploy AppExchange
packages and manage
upgradesUnderstand
Enterprise Application
Architecture
patternsCustomize mobile
and desktop user experience
with Lightning Web
ComponentsManage large
data volumes with
asynchronous processing
and big data
strategiesImplement Source
Control and Continuous
IntegrationAdd AI to your

application with EinsteinUse
Lightning External Services
to integrate external code
and data with your Lightning
ApplicationWho this book is
for This book is for Lightning
platform developers who
want to discover the true
potential of the platform to
develop complex scalable
applications for use in
enterprise businesses.
Over the last ten years, the
ARM architecture has
become one of the most
pervasive architectures in
the world, with more than 2
billion ARM-based processors
embedded in products

ranging from cell phones to automotive braking systems. A world-wide community of ARM developers in semiconductor and product design companies includes software developers, system designers and hardware engineers. To date no book has directly addressed their need to develop the system and software for an ARM-based system. This text fills that gap. This book provides a comprehensive description of the operation of the ARM core from a developer's perspective with a clear emphasis on software. It

demonstrates not only how to write efficient ARM software in C and assembly but also how to optimize code. Example code throughout the book can be integrated into commercial products or used as templates to enable quick creation of productive software. The book covers both the ARM and Thumb instruction sets, covers Intel's XScale Processors, outlines distinctions among the versions of the ARM architecture, demonstrates how to implement DSP algorithms, explains

exception and interrupt handling, describes the cache technologies that surround the ARM cores as well as the most efficient memory management techniques. A final chapter looks forward to the future of the ARM architecture considering ARMv6, the latest change to the instruction set, which has been designed to improve the DSP and media processing capabilities of the architecture. * No other book describes the ARM core from a system and software perspective. * Author team

combines extensive ARM software engineering experience with an in-depth knowledge of ARM developer needs. * Practical, executable code is fully explained in the book and available on the publisher's Website. * Includes a simple embedded operating system. Advanced Apex Programming focuses entirely on the Apex language and core design patterns. You'll learn how to truly think in Apex - to embrace limits and bulk patterns. You'll see how to develop architectures for

efficient and reliable trigger
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Appleman focuses on the
real-world problems and
issues that are faced by
Apex developers every day,
along with the obscure
problems and surprises that
can sneak up on you if you
are unprepared.
Architect and deliver
packaged Force.com
applications that cater to
enterprise business
needsKey Features*
Salesforce Lightning Wizard
Framework - A framework
built on the top of Lightning
to support complex

requirements of
organisations* Salesforce
Batch Framework - A
framework built on Apex,
Native Salesforce which
helps organisations to
achieve any complex
asynchronous jobs
requirements easily*
Saelsforce Trigger
Framework - Step-by-Step
process to adopt with Trigger
framework which support
any complex real time
business operations and also
reduces cyclomatic
complexity at the same
time.Book
DescriptionSalesforce Coding

Genius is neither a tutorial nor a book for beginners. Intended for developers who are already familiar with the Apex language, and experienced Java and C# developers who are moving to Apex, this book starts where the Salesforce Apex documentation leaves off.Are you facing a challenging Salesforce.com problem--say, relating to automation, configuration, formulation, or reporting--that you can't quite crack? Or maybe you are hoping to infuse some creativity into your solution

design strategy to solve problems faster or make solutions more efficient? Salesforce Coding Genius shows you how to unlock the power of the Force.com platform to solve real business problems--and all without writing a line of code. Adhering to Salesforce.com's "clicks, not code", Salesforce.com expert Markus Koche walks you through different business problems and identifies effective, creative--and proven--approaches to solutions using the platform's declarative

framework.If you are a Salesforce.com administrator, analyst, consultant, or developer, you can attest to the insatiable appetite of users for new functionality. Your clients expect solutions--and now with Salesforce Coding Genius you can deliver a best solution for your project.What you will learn* Package, install, test, and upgrade an application* Define architecture-aligning data storage and functional requirements* Develop Apex code that is easy to navigate, self-documenting,

testable, robust, and organic* Leverage your application's clientagnostic Service layer backbone to support numerous platform areas* Get the most from hosting your application within the Lightning Experience and Salesforce1 Mobile clients* Apply querying, indexing, and asynchronous best practices* Leverage mocking and dependency injection in your Apex tests* Explore tips for developing advanced applicationsThe purpose of this book is to detail best practice for Apex code

development on the Salesforce project which should be followed by developers working on the project. It also details some design patterns and testing frameworks which should be adopted where possible to provide robust and scalable platforms as follows:+ Salesforce Lightning Wizard Framework + Salesforce Batch Apex Framework+ Salesforce Trigger Framework+ Salesforce Lightning Component FrameworkThese frameworks helps in understanding the basics of

Apex / Lightning. It is designed on the top of exisiting Apex or Lightning Framework which extends the use cases of most common business logics. This book has defined a lightning component framework that will be leveraged and utilised on the project. The framework is detailed below.★★★★★Dont forget to share your story with us. We would love to hear from you how this book helps you. ★★★★★NOTE: Due to some technical glitches initial version of this book doesnt print examples

so we have updated the
book with latest version . For
any query or concern drop
us a mail on
info@expounddigital.com
A Learner's Guide to Coding
and Computational Thinking
The Salesforce Career
Playbook
Building Declarative
Solutions on the Salesforce
Platform
Beginning Salesforce
Developer
Understanding Oracle APEX
5 Application Development
Salesforce Coding Genius

Historically, grief and

*spirituality have been
jealously guarded as
uniquely human
experiences. Although
non-human animal grief
has been acknowledged in
recent times, its
potency has not been
recognised as equal to
human grief.
Anthropocentric
philosophical questions
still underpin both
academic and popular
discussions. In Enter
the Animal, Teya Brooks
Pribac examines what we
do and don't know about
grief and spirituality.*

*She explores the growing
body of knowledge about
attachment and loss and
how they shape the lives
of both human and non-
human animals. A
valuable addition to the
vibrant
interdisciplinary
conversation about
animal subjectivity,
Enter the Animal
identifies conceptual
and methodological
approaches that have
contributed to the
prejudice against
nonhuman animals. It
offers a compelling*

*theoretical base for the
consideration of grief
and spirituality across
species and highlights
important ethical
implications for how
humans treat other
animals.
If you are a developer
who has some object-
oriented programming
experience, Learning
Apex Programming is the
perfect book for you.
This book is most
appropriate for
developers who wish to
gain an understanding of
the Force.com platform*

*and how to use Apex to
create business
applications.
Learning a complex new
language is no easy task
especially when it s an
object-oriented computer
programming language
like Java. You might
think the problem is
your brain. It seems to
have a mind of its own,
a mind that doesn't
always want to take in
the dry, technical stuff
you're forced to study.
The fact is your brain
craves novelty. It's
constantly searching,*

*scanning, waiting for
something unusual to
happen. After all,
that's the way it was
built to help you stay
alive. It takes all the
routine, ordinary, dull
stuff and filters it to
the background so it
won't interfere with
your brain's real
work--recording things
that matter. How does
your brain know what
matters? It's like the
creators of the Head
First approach say,
suppose you're out for a
hike and a tiger jumps*

in front of you, what happens in your brain? Neurons fire. Emotions crank up. Chemicals surge. That's how your brain knows. And that's how your brain will learn Java. Head First Java combines puzzles, strong visuals, mysteries, and soul-searching interviews with famous Java objects to engage you in many different ways. It's fast, it's fun, and it's effective. And, despite its playful appearance, Head First Java is

*serious stuff: a
complete introduction to
object-oriented
programming and Java.
You'll learn everything
from the fundamentals to
advanced topics,
including threads,
network sockets, and
distributed programming
with RMI. And the new.
second edition focuses
on Java 5.0, the latest
version of the Java
language and development
platform. Because Java
5.0 is a major update to
the platform, with deep,
code-level changes, even*

more careful study and implementation is required. So learning the Head First way is more important than ever. If you've read a Head First book, you know what to expect--a visually rich format designed for the way your brain works. If you haven't, you're in for a treat. You'll see why people say it's unlike any other Java book you've ever read. By exploiting how your brain works, Head First Java compresses the time

*it takes to learn and
retain--complex
information. Its unique
approach not only shows
you what you need to
know about Java syntax,
it teaches you to think
like a Java programmer.
If you want to be bored,
buy some other book. But
if you want to
understand Java, this
book's for you.
Django Cookbook Web
Development with Django
This book is an
exploration of Django,
which is a Python
framework used for the*

*development of web apps.
This book provides you
with an explanation of
what the framework is
and its relationship to
Python. The first
chapter guides you on
how to set up the
environment ready for
programming with Django.
The Admin Interface in
Django will also be
discussed. After
reading, you will learn
how to set up, launch
and use this interface.
This book also guides
you as to how to create
views in Django. The*

*process of URL mapping,
models in Django, and
how to perform page
redirection will also be
discussed in this book.
The various ways to send
E-mails in Django will
also be covered. Generic
views as well as form
processing will also be
discussed in detail, as
well as the processes
for handling both
cookies and sessions.
Here is a preview of
what you'll learn:
Setting up the
Environment The Admin
Interface Creating Views*

*in Django - URL Mapping
Template System Models
Page Redirection Sending
E-mails Generic Views
Form Processing in
Django Uploading Files
Handling Cookies
Sessions in Django
Memory Caching in Django
Download your copy of "
h1 Django Cookbook " by
scrolling up and
clicking "Buy Now With
1-Click" button.
Extend and unleash the
power of Salesforce CRM
and the advanced
features of the
Lightning interface to*

*create techniques for
user interaction and
derive real-world
solutions. About This
Book Implement advanced
user interface
techniques to improve
the look and feel of
Salesforce CRM. Discover
hidden features and
hacks that extend
standard configuration
to provide enhanced
functionality and
customization. Build
real-world process
automation using
detailed recipes to
harness the full power*

*of Salesforce CRM. Who
This Book Is For If you
are a system
administrator interested
in developing and
enhancing your skills
with data management,
process automation and
security enhancements
with SalesforceCRM, then
this book is for you.
Some basic understanding
of SalesforceCRM and
system administration
knowledge would be
needed. What You Will
Learn Building home page
components and creating
custom links to provide*

*additional functionality
and improve the Home Tab
layout Improving the
look and feel of
Salesforce CRM with the
presentation of
graphical elements using
advanced user interface
techniques Improving the
data quality in
Salesforce CRM and
automatic data capture
Implement an approval
process to control the
way approvals are
managed for records in
Salesforce CRM Increase
productivity using tools
and features to provide*

*advanced administration
Extend Lightning
Experience Record Pages
to tailor user
interaction experience
Create Lightning
component to implement
Search before Create for
customer/person accounts
In Detail Salesforce CRM
is a market-leading
customer relationship
management (CRM)
application that is
accessed over the
internet. This
application greatly
enhances a company's
sales performance,*

*improves customer
satisfaction, and
provides a robust
customer relationship
management system for an
organization. Salesforce
CRM Admin Cookbook,
Second Edition enables
you to instantly extend
and unleash the power of
Salesforce CRM and its
Lightning Experience
framework. It provides
clear, comprehensive
instructions along with
detailed screenshots and
code. Whether you are
looking for solutions to
enhance the core*

*features, such as data
management, process
automation, data
validation, and home
page administration, or
are looking for ideas on
advanced customization
techniques, this book
will provide you with
immediate, practical,
and exciting real-world
recipes. This book
guides you through
interesting topics
spanning a variety of
functional areas.
Recipes are provided
that allow you to
configure, build and*

*extend the capability of
Salesforce CRM using the
Lightning Experience
framework. Style and
approach We will be
discussing recipes about
several modules, which
will help you gain
mastery over different
modules, such as data
management, security
enhancements, and so on,
which is expected of an
administrator.
Second Edition
Django Cookbook
ARM System Developer's
Guide
Agile Oracle Application*

Express
Advanced Apex
Programming for
Salesforce.com and
Force.com
A Practical Guide for
Starting and Advancing
Your Career on the
World's Friendliest and
Fastest-Growing Tech
Platform
Salesforce CRM Admin
Cookbook.
This is a mini tutorial
guide that discusses the
most important and the
most frequently used
technical aspects of
Visualforce development,

*thereby making it a
perfect companion for
Visualforce
developers.This book is
for Visualforce
developers who are
looking for a pocket
guide that will resolve
their most frequently
faced issues.
Architect and deliver
packaged applications
that cater to enterprise
business needs, 3rd
Edition
Salesforce Process
Builder Quick Start
Guide
Solutions to help you*

*implement, configure,
and customize your
business applications
with Salesforce CRM and
Lightning Experience
Advanced Oracle PL/SQL
Developer's Guide
Head First Learn to Code
Apex Design Patterns
Expert tips, techniques,
and mock tests for the
Platform Developer I
(DEV501) certification
exam*