Functional Swift Updated For Swift 4

Most of the advancements in communication, computers, medicine, and air and water purity are linked to macromolecules and a fundamental understanding of the principles that govern their behavior. These fundamentals are explored in Carraher's Polymer Chemistry, Ninth Edition. Continuing the tradition of previous volumes, the latest edition provides a well-rounded presentation of the principles and applications of polymers. With an emphasis on the environment and green chemistry and materials, this edition offers detailed coverage of natural and synthetic giant molecules, inorganic and organic polymers, biomacromolecules, elastomers, adhesives, coatings, fibers, plastics, blends, caulks, composites, and ceramics. Using simple fundamentals, this book demonstrates how the basic principles of one polymer group can be applied to all of the other groups. It covers reactivities, synthesis and polymerization reactions, techniques for characterization and analysis, energy absorption and thermal conductivity, physical and optical properties, and practical applications. This edition includes updated techniques, new sections on a number of copolymers, expanded emphasis on nanotechnology and nanomaterials, and increased coverage of topics including carbon nanotubes, tapes and glues, photochemistry, and more. With topics presented so students can understand polymer science even if certain parts of the text are skipped, this book is suitable as an undergraduate as well as an introductory graduate-level text. The author begins most chapters with theory followed by application, and generally addresses the most critical topics first. He provides all of the elements of an introductory text, covering synthesis, properties, applications, and characterization. This user-friendly book also contains definitions, learning objectives, questions, and additional reading in each chapter.

Migrating to Swift From Web Development gives you the ability to create native iOS apps using the latest Swift programming language. Starting with preparing your latest Xcode 6 Integrated Development Environment and introducing just enough iOS application framework fundamentals, you'll understand how to create a simple but meaningful Hello Swift application for iOS 8 immediately. After the short IDE setup guide, this book will show you how to structure your iOS project from an existing mobile web app. Every topic comes with a tutorial project that you will create by yourself. You'll plan and structure your iOS apps using Xcode Storyboard, implementing use cases with detailed screens, and learn about managing data and working with remote services. Finally, you'll experience a recap of the whole porting process by translating a mobile web app to iOS 8 from start to end. When you finish reading Migrating to Swift from Web Development, you'll be an iOS developer as well as a front-end web developer.

The year 2007 could perhaps accurately be described as the year when climate change finally received the attention that this challenge deserves globally. Much of the information and knowledge that was created in this field during the year was the result of the findings of the Fourth - sessment Report (AR4) of the Intergovernmental Panel on Climate Change (IPCC), which were disseminated on a large scale and reported extensively by the media. This was the result not only of a heightened interest on the part of the public on various aspects of climate change, but also because the IPCC itself proactively attempted to spread the findings of its AR4 to the public at large. The interest generated on the scientific realities of climate change was further enhanced by the award of the Nobel Peace Prize to the IPCC and former Vice President of the US, Al Gore. By taking this decision in favour of a leader who has done a great deal to create awareness on c- mate change, and a body that assesses all scientific aspects of climate change and disseminates the result of its findings, the Norwegian Nobel Committee has clearly drawn the link between climate change and peace in the world.

More than three centuries since their first publication, Jonathan Swift's A Tale of a Tub, 'The Battle of the Books,' 'The Mechanical Operation of the Spirit,' and An Argument against Abolishing Christianity remain striking, prescient, and still-relevant challenges to Modern commitments to inwardness, reflection, and spiritualism. In this lively and engaging study - grounded in the intellectual and historical currents of Swift's time, with an eye on the implications for the present day - G. Douglas Atkins brings forty-plus years of scholarly and critical experience to bear on some of the greatest satires ever written. The study reveals new contexts for understanding Swift's satires, including post-Reformation reading practices and the development of the modern personal essay. This book revisits, from fresh perspectives, the late seventeenth-century version of the perennial warfare between Ancients and Moderns, then often instanced as 'the battle of the books.'

This book will teach you how to use Swift to apply functional programming techniques to your iOS or OS X projects. These techniques complement object-oriented programming that most Objective-C developers will already be familiar with, providing you with a valuable new tool in your developer's toolbox. We will start by taking a look at Swift's new language features, such as higher-order functions, generics, optionals, enumerations, and pattern matching. Mastering these new features will enable you to write functional code effectively. After that, we will provide several examples of how to use functional programming patterns to solve real-world problems. These examples include a compositional and type-safe API around Core Image, a library for diagrams built on Core Graphics, and a small spreadsheet application built from scratch.

NOTE: This edition is now out of date, and does not conform with the current version of Swift. Please check out the newer edition instead, which is ISBN 9780134289779. LEARNING A NEW PROGRAMMING LANGUAGE can be daunting. With Swift, Apple has lowered the barrier of entry for developing iOS and OS X apps by giving developers an innovative new programming language for Cocoa and Cocoa Touch. If you are new to Swift, this book is for you. If you have never used C, C++, or Objective-C, this book is definitely for you. With this handson guide, you'll quickly be writing Swift code, using Playgrounds to instantly see the results of your work. Author Boisy G. Pitre gives you a solid grounding in key Swift language concepts-including variables, constants, types, arrays, and dictionaries-before he shows you how to use Swift's innovative Xcode integrated development environment to create apps for iOS and OS X. THIS BOOK INCLUDES: Detailed instruction, ample illustrations, and clear examples Real-world guidance and advice Best practices from an experienced Mac and iOS developer Emphasis on how to use Xcode, Playgrounds, and the REPL COMPANION WEBSITE: www.peachpit.com/swiftbeginners includes additional resources.

Good police officers are often promoted into supervisory positions with little or no training for what makes a good manager. Effective Police Supervision provides readers with an understanding of the group behaviors and organizational dynamics necessary to understand the fundamentals of police administration. The Effective Police Supervision Study Guide, which includes quizzes and other study tools, gives students, as well as professionals training for promotional exams, a way to review the material and be fully prepared for examinations and the world of police supervision. This new edition, like the new edition of the textbook it accompanies, includes information on the following topics: police accountability, police involvement with news media, dealing with

social media, updates on legal considerations, and avoiding scandals. Updated to coincide precisely with the 7th edition of Effective Police Supervision Each chapter includes learning objectives, key terms, chapter summaries, and review questions Includes access to the instructor and companion sites for Effective Police Supervision

In The Swift Developer's Cookbook, renowned author Erica Sadun joins powerful strategies with ready-to-use Swift code for solving everyday development challenges. As in all of Sadun's programming best-sellers, The Swift Developer's Cookbook translates modern best practices into dozens of well-tested, easy-to-apply solutions. This book's code examples were created in response to real-world questions from working developers to reflect Swift's newest capabilities and best practices. Each chapter groups related tasks together. You can jump straight to your solution without having to identify the right class or framework first. Sadun covers key Swift development concepts, shows you how to write robust and efficient code, and helps you avoid common pitfalls other developers struggle with. She offers expert strategies for working with this immensely powerful language, taking into account Swift's rapid evolution and its migration tools. Whether you're moving to modern Swift from Objective-C, from older versions of the Swift language, or from the world of non-Apple languages, this guide will help you master both the "how" and "why" of effective Swift development. Industry recruiters are scrambling to find Swift developers who can solve real problems and produce effective working code. Get this book, and you'll be ready. Coverage includes Writing effective Swift code that communicates clearly and coherently to the compiler, your team, and to "future you," who will be maintaining this code Using Xcode to handle changes in Swift's language constructs as the language evolves Building feedback, documentation, and output to meet your development and debugging needs Making the most of optionals and their supporting constructs Using closures to encapsulate state and functionality and treat actions as variables for later execution Leveraging control flow with innovative Swift-specific statements Working with all Swift types: classes, enumerations, and structures Using generics and protocols to build robust code that expands functionality beyond single types Making the most of the powerful Swift error system Working with innovative features such as array indexing, general subscripting, statement labels, custom operators, and more This book is part of the Pearson Content Update Program (CUP). As the technology changes, sections of this book will be updated or new sections will be added. The updates will be delivered to you via a free Web Edition of this book, which can be accessed with any Internet connection.

In the early days of World War II, a young Marine named Charles Fenn was recruited by the Office of Strategic Services (OSS) for undercover operations in the China-Burma-India theatre. Fenn knew exactly what it took to get the job done. His wartime exploits are the stuff of legend, but not even his OSS compatriots knew the full extent of his espionage activities. Fenn's skill as a spy is matched by his talent as a storyteller, and this witty, elegantly written account of his OSS days not only adds to the historical record, it makes for a compelling read.

In the seven years since the first edition of this book was published there have been many important developments in knowledge of neuromuscular diseases. These are reflected in this new edition. We have taken the opportunity to add much new clinical and scientific material to the book, particularly in relation to metabolic myopathies and neuropathies, and to include more information on genetic aspects of neuromuscular diseases, quantitative electromyo graphic techniques, plexus and root lesions and cardiomyopathies. The aim of the book remains unchanged, but we have rearranged some of the material so that there are several new chapters. The illustrations have also been extensively revised and there are many new references. We hope that it will continue to provide a convenient source of practical and theoretical information that will not only be useful in managing patients with neuromuscular diseases, but will stimulate research. London, May 1987 Michael Swash Martin S. Schwartz Preface to the First Edition Neuromuscular diseases are common in clinical practice. Patients with these disorders may be referred to neurologists, rheumatologists, orthopaedic surgeons, paediatricians or to general physicians, and their investigation, utilising electromyography (EM G) and muscle biopsy, often requires the help of the clinical neurophysiologist and of the pathologist.

The aim of this book is to reflect the current cutting-edge thinking and established practices in the investigation of queueing systems and networks. This second volume includes eight chapters written by experts wellknown in their areas. The book conducts a stability analysis of certain types of multiserver regenerative queueing systems; a transient evaluation of Markovian queueing systems, focusing on closed-form distributions and numerical techniques; analysis of queueing models in service sectors using analytical and simulation approaches; plus an investigation of probability distributions in queueing models and their use in economics, industry, demography and environmental studies. This book also considers techniques for the control of information in queueing systems and their impact on strategic customer behavior, social welfare and the revenue of monopolists. In addition, applications of maximum entropy methods of inference for the analysis of a stable M/G/1 queue with heavy tails, and inventory models with positive service time - including perishable items and stock supplied using various algorithmic control policies ((s; S); (r;Q), etc.).

The world's most comprehensive, well documented, and well illustrated book on this subject. With extensive subject and geographical index. 91 photographs and illustrations - many in color. Free of charge in digital PDF format on Google Books.

Distributed and Cloud Computing: From Parallel Processing to the Internet of Things offers complete coverage of modern distributed computing technology including clusters, the grid, service-oriented architecture, massively parallel processors, peer-to-peer networking, and cloud computing. It is the first modern, up-to-date distributed systems textbook; it explains how to create high-performance, scalable, reliable systems, exposing the design principles, architecture, and innovative applications of parallel, distributed, and cloud computing systems. Topics covered by this book include: facilitating management, debugging, migration, and disaster recovery through virtualization; clustered systems for research or ecommerce applications; designing systems as web services; and social networking systems using peer-to-peer computing. The principles of cloud computing are discussed using examples from open-source and commercial applications, along with case studies from the leading distributed computing vendors such as Amazon, Microsoft, and Google. Each chapter includes exercises and further reading, with lecture slides and more available online. This book will be ideal for students taking a distributed systems or distributed computing class, as well as for professional system designers and engineers looking for a reference to the latest distributed technologies including cloud, P2P and grid computing. Complete coverage of modern distributed computing technology including clusters, the grid, service-oriented architecture, massively parallel processors, peer-to-peer networking, and cloud computing Includes case studies from the leading distributed computing vendors: Amazon, Microsoft, Google, and more Explains how to use virtualization to facilitate management, debugging, migration, and disaster recovery Designed for undergraduate or graduate students taking a distributed systems course—each chapter includes exercises and further reading, with lecture slides and more available online

Includes proceedings of the Association, papers read at the annual sessions, and list of current medical literature.

Discover the do's and don'ts involved in crafting readable Swift code as you explore common Swift coding challenges and the best practices that address them. From spacing, bracing, and semicolons to proper API style, discover the whys behind each recommendation, and add to or establish your own house style guidelines. This practical, powerful, and opinionated guide offers the best practices you need to know to work successfully in this equally opinionated programming language. Apple's Swift programming language has finally reached stability, and developers are demanding to know how to program the language properly. Swift Style guides you through the ins and outs of Swift programming best practices. This is the first best practices book for serious, professional Swift programmers and for programmers who want to shine their skills to be hired in this demanding market. A style guide offers a consistent

experience of well-crafted code that lets you focus on the code's underlying meaning, intent, and implementation. This book doesn't offer canonical answers on Swift coding style. It explores the areas of Swift where structure comes into play. Whether you're developing a personal style or a house style, there are always ways to enhance your code choices. You'll find here the ideas and principles to establish or enhance your own best style practices. Begin with simple syntactical styling. Strengthen code bracing for easy readability. Style your closures for safety and resilience. Perfect spacing and layout. Master literal initialization and typing. Optimize control flow layout and improve conditional style choices. Transition from Objective-C and move code into Swift the right way. Boost API design using proper naming and labeling. Elevate defaulted arguments and variadics to their right places. Finally, Erica offers her own broad recommendations on good coding practice. What You Need: Recent version of the Swift programming language Summary Now updated for Swift 5! Swift is more than just a fun language to build iOS applications with. It features a host of powerful tools that, if effectively used, can help you create even better apps with clean, crystal-clear code and awesome features. Swift in Depth is designed to help you unlock these tools and quirks and get developing next-gen apps, web services, and more! Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology It's fun to create your first toy iOS or Mac app in Swift. Writing secure, reliable, professional-grade software is a different animal altogether. The Swift language includes an amazing set of high-powered features, and it supports a wide range of programming styles and techniques. You just have to roll up your sleeves and learn Swift in depth. About the Book Swift in Depth guides you concept by concept through the skills you need to build professional software for Apple platforms, such as iOS and Mac; also on the server with Linux. By following the numerous concrete examples, enlightening explanations, and engaging exercises, you'll finally grok powerful techniques like generics, efficient error handling, protocol-oriented programming, and advanced Swift patterns. Author Tjeerd in 't Veen reveals the high-value, difficult-to-discover Swift techniques he's learned through his own hard-won experience. What's inside Covers Swift 5 Writing reusable code with generics Iterators, sequences, and collections Protocol-oriented programming Understanding map, flatMap, and compactMap Asynchronous error handling with ResultBest practices in Swift About the Reader Written for advanced-beginner and intermediate-level Swift programmers. About the Author Tjeerd in 't Veen is a senior software engineer and architect in the mobile division of a large international banking firm. Table of Contents Introducing Swift in depth Modeling data with enums Writing cleaner properties Making optionals second nature Demystifying initializers Effortless error handling Generics Putting the pro in protocol-oriented programming Iterators, sequences, and collections Understanding map, flatMap, and compactMap Asynchronous error handling with Result Protocol extensions Swift patterns Delivering quality Swift code Where to Swift from here

Move into iOS development by getting a firm grasp of its fundamentals, including the Xcode 12 IDE, Cocoa Touch, and the latest version of Apple's acclaimed programming language, Swift 5.3. With this thoroughly updated guide, you'll learn the Swift language, understand Apple's Xcode development tools, and discover the Cocoa framework. Become familiar with built-in Swift types Dive deep into Swift objects, protocols, and generics Tour the life cycle of an Xcode project Learn how nibs are loaded Understand Cocoa's event-driven design Communicate with C and Objective-C In this edition, catch up on the latest iOS programming features: Multiple trailing closures Code editor document tabs New Simulator features Resources in Swift packages Logging and testing improvements And more! Once you master the fundamentals, you'll be ready to tackle the details of iOS app development with author Matt Neuburg's companion guide, Programming iOS 14.

This book provides a twenty-first century perspective on Roman Britain, combining current approaches with the wealth of archaeological material from the province. This volume introduces the history of research into the province and the cultural changes at the beginning and end of the Roman period. The majority of the chapters are thematic, dealing with issues relating to the people of the province, their identities and ways of life. Further chapters consider the characteristics of the province they lived in, such as the economy, and settlement patterns. This Handbook reflects the new approaches being developed in Roman archaeology, and demonstrates why the study of Roman Britain has become one of the most dynamic areas of archaeology. The book will be useful for academics and students interested in Roman Britain.

Advances in morphological and molecular methods continue to uncover new information on the origin and evolution of bats. Presenting some of the most remarkable discoveries and research involving living and fossil bats, this book explores their evolutionary history from a range of perspectives. Phylogenetic studies based on both molecular and morphological data have established a framework of evolutionary relationships that provides a context for understanding many aspects of bat biology and diversification. In addition to detailed studies of the relationships and diversification of bats, the topics covered include the mechanisms and evolution of powered flight, evolution and enhancement of echolocation, feeding ecology, population genetic structure, ontogeny and growth of facial form, functional morphology and evolution of body size. The book also examines the fossil history of bats from their beginnings over 50 million years ago to their diversification into one of the most globally wide-spread orders of mammals living today.

Functional Programming in Swift

This issue serves as a high-level topic review and keeps the readers updated on current and future neurointervention directions.

Poets are makers, etymologically speaking. In practice, they are also thieves. Over a long career, from the early 1690s to the late 1730s, Jonathan Swift thrived on a creative tension between original poetry-making and the filching of familiar material from the poetic archive. The most extensive study of Swift's verse to appear in more than thirty years, Reading Swift's Poetry offers detailed readings of dozens of major poems, as well as neglected and recently recovered pieces. This book reaffirms Swift's prominence in competing literary traditions as diverse as the pastoral and the political, the metaphysical and the satirical, and demonstrates the

persistence of unlikely literary tropes across his multifaceted career. Daniel Cook also considers the audacious ways in which Swift engages with Juvenal's satires, Horace's epistles, Milton's epics, Cowley's odes, and an astonishing array of other canonical and forgotten writers.

All in on Swift! iOS 10 and Xcode 8 make it clearer than ever that Swift is Apple's language of the future. Core frameworks have been redesigned to work better with Swift, and the language itself continues to evolve quickly. iOS 10 SDK Development is the pure-Swift approach to developing for the iOS platform. This completely revised and updated edition of the bestselling iOS guide shows you how to pull in the SDK's enormous feature set and deliver powerful, real-world apps for iPhone and iPad using modern Swift programming techniques. Swift is the language of the future for iOS development, and this completely revised and updated book is your guide. From the community-driven changes in Swift 3 to the overhaul of iOS' Foundation framework to make it more "Swifty," iOS 10 and Xcode 8 mark an "all in" commitment to Swift, and this new edition matches that commitment. Learn not just the syntax of the Swift language but also stylish Swift, the idiomatic uses of the language, and best practices you'll find in the wild. From there, move into developing a complete, real-world podcast client sample application-completely new for this edition-featuring Internet access, tables, navigation, and media playback, all with the most modern approaches provided by Apple's iOS 10 frameworks and tools. Go beyond code to master the practices that professional developers rely on: testing, debugging, publishing on the App Store, and managing your app over the long haul. As a bonus, you'll get a taste of cutting-edge iOS 10 features, such as the new Siri voice-command API. Swift's time is here. Whether you're new to Swift or just catching up on iOS' latest features, iOS 10 SDK Development will help you master the language and the platform.

Parks are important economic vehicles, generating billions of dollars worldwide in tourism revenue. However, the reasons for that visitation are found in the non-material, non-economic values that parks offer to people: values that are cultural, therapeutic, scientific, spiritual, recreational, educational, and aesthetic/artistic. The Full Value of Parks is the first comprehensive analysis of these important, but intangible, values.

The papers of this volume focus on the foundational aspects of computer science, the thematic origin and stronghold of LNCS, under the title "Computing and Software Science: State of the Art and Perspectives". They are organized in two parts: The first part, Computation and Complexity, presents a collection of expository papers on fashionable themes in algorithmics, optimization, and complexity. The second part, Methods, Languages and Tools for Future System Development, aims at sketching the methodological evolution that helps guaranteeing that future systems meet their increasingly critical requirements. Chapter 3 is available open access under a Creative Commons Attribution 4.0 International License via link.springer.com.

Transition from Objective-C to the cleaner, more functionalSwift quickly and easily Professional Swift shows you how to create Mac and iPhoneapplications using Apple's new programming language. Thiscode-intensive, practical guide walks you through Swift bestpractices as you learn the language, build an application, andrefine it using advanced concepts and techniques. Organized foreasy navigation, this book can be read end-to-end for a self-pacedtutorial, or used as an on-demand desk reference as unfamiliarsituations arise. The first section of the book guides you throughthe basics of Swift programming, with clear instruction oneverything from writing code to storing data, and Section II addsadvanced data types, advanced debugging, extending classes, andmore. You'll learn everything you need to know to make thetransition from Objective-C to Swift smooth and painless, so youcan begin building faster, more secure apps than ever before. Get acquainted with the Swift language and syntax Write, deploy, and debug Swift programs Store data and interface with web services Master advanced usage, and bridge Swift and Objective-C Professional Swift is your guide to the future of OS Xand iOS development.

The biota of the earth is being altered at an unprecedented rate. We are witnessing wholesale exchanges of organisms among geographic areas that were once totally biologically isolated. We are seeing massive changes in landscape use that are creating even more abundant succes sional patches, reductions in population sizes, and in the worst cases, losses of species. There are many reasons for concern about these trends. One is that we unfortunately do not know in detail the conse quences of these massive alterations in terms of how the biosphere as a whole operates or even, for that matter, the functioning of localized ecosystems. We do know that the biosphere interacts strongly with the atmospheric composition, contributing to potential climate change. We also know that changes in vegetative cover greatly influence the hydrology and biochemistry ofa site or region. Our knowledge is weak in important details, however. How are the many services that ecosystems provide to humanity altered by modifications of ecosystem composition? Stated in another way, what is the role of individual species in ecosystem function? We are observing the selective as well as wholesale alteration in the composition of ecosystems. Do these alterations matter in respect to how ecosystems operate and provide services? This book represents the initial probing of this central ques tion. It will be followed by other volumes in this series examining in depth the functional role of biodiversity in various ecosystems of the world.

Using more than 30 years research from the author team at the Wildlife Conservation Research Unit (WildCRU), this volume reveals how agricultural systems and wildlife interact, presenting examples from scales varying from landscape to microcosm, from populations to individuals, covering plants, invertebrates, birds, and mammals. It demonstrates the essential ecosystem services provided by agricultural land, and discusses the implications of agricultural development for natural habitats and biodiversity.

Advanced Swift takes you through Swift's features, from low-level programming to high-level abstractions. In this book, we'll write about advanced concepts in Swift programming. If you have read the Swift Programming Guide, and want to explore more, this book is for you. Swift is a great language for systems programming, but also lends itself for very high-level programming. We'll explore both high-level topics (for example, programming with generics and protocols), as well as low-level topics (for example, wrapping a C library and string internals).

Bring the power of functional programming to Swift to develop clean, smart, scalable and reliable applications. About This Book Written for the latest version of Swift, this is a comprehensive guide that introduces iOS, Web and macOS developers to the all-new world of functional programming that has so far been alien to them Get familiar with using functional programming alongside existing OOP techniques so you can get the best of both worlds and develop clean, robust, and scalable code Develop a case study on example backend API with Swift and Vapor Framework and an iOS application with Functional Programming, Protocol-Oriented Programming, Functional Reactive Programming, and Object-Oriented Programming techniques Who This Book Is For Meant for a reader who knows object-oriented

programming, has some experience with Objective-C/Swift programming languages and wants to further enhance his skills with functional programming techniques with Swift 3.x. What You Will Learn Understand what functional programming is and why it matters Understand custom operators, function composition, currying, recursion, and memoization Explore algebraic data types, pattern matching, generics, associated type protocols, and type erasure Get acquainted with higher-kinded types and higher-order functions using practical examples Get familiar with functional and non-functional ways to deal with optionals Make use of functional data structures such as semigroup, monoid, binary search tree, linked list, stack, and lazy list Understand the importance of immutability, copy constructors, and lenses Develop a backend API with Vapor Create an iOS app by combining FP, OOP, FRP, and POP paradigms In Detail Swift is a multi-paradigm programming language enabling you to tackle different problems in various ways. Understanding each paradigm and knowing when and how to utilize and combine them can lead to a better code base. Functional programming (FP) is an important paradigm that empowers us with declarative development and makes applications more suitable for testing, as well as performant and elegant. This book aims to simplify the FP paradigms, making them easily understandable and usable, by showing you how to solve many of your day-to-day development problems using Swift FP. It starts with the basics of FP, and you will go through all the core concepts of Swift and the building blocks of FP. You will also go through important aspects, such as function composition and currying, custom operator definition, monads, functors, applicative functors,memoization, lenses, algebraic data types, type erasure, functional data structures, functional reactive programming (FRP), and protocol-oriented programming(POP). You will then learn to combine those techniques to develop a fully functional iOS application from scratch Style and approach An easy-to-follow guide that is full of hands-on coding examples of real-world applications. Each topic is explained sequentially and placed in context, and for the more inquisitive, there are more details of the concepts used. It introduces the Swift language basics and functional programming techniques in simple, non-mathematical vocabulary with examples in Swift.
The process of patient education allows for patients to think about their health in new ways and for educators and professionals to propose new ways to heal, with the ultimate goal of patients having a positive outlook on life and consistently maintained health. Innovative Collaborative Practice and Reflection in Patient Education presents multigenre writing, incorporating authors' personal and professional stories along with academic theories. It combines the fields of education and medicine, presenting innovative approaches to health education and designing new approaches to healing. This research publication will impact the field of health education and be of use to educators, researchers, practitioners, professionals, and patients.