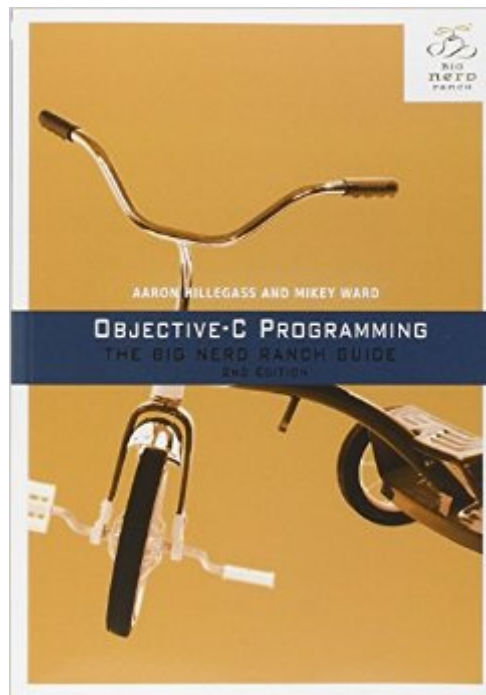# Objective-C Programming: The Big Nerd Ranch Guide (2nd Edition) (Big Nerd Ranch Guides)

Synopsis

Want to write iOS apps or desktop Mac applications? This introduction to programming and the Objective-C language is your first step on the journey from someone who uses apps to someone who writes them. Based on Big Nerd Ranch's popular Objective-C Bootcamp, Objective-C Programming: The Big Nerd Ranch Guide covers C, Objective-C, and the common programming idioms that enable developers to make the most of Apple technologies. Compatible with Xcode 5, iOS 7, and OS X Mavericks (10.9), this guide features short chapters and an engaging style to keep you motivated and moving forward. At the same time, it encourages you to think critically as a programmer. Here are some of the topics covered: Using Xcode, Appleâ ™s documentation, and other tools Programming basics: variables, loops, functions, etc. Objects, classes, methods, and messages Pointers, addresses, and memory management with ARC Properties and Key-Value Coding (KVC) Class extensions Categories Classes from the Foundation framework Blocks Delegation, target-action, and notification design patterns Key-Value Observing (KVO) Runtime basics

Book Information

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Customer Reviews

This book is the perfect place for an experienced developer to start with iOS programming. I say experienced developer because this book does a great job of showing you the basics of C and the Objective-C language, but if you don't understand the basics of programming, you are probably

going to get lost. Maybe not, but I found myself saying, "I am glad I already know what that is" about quite a few topics that were used to explain the subject matter. If you are experienced with C#, C, Java, or C++, you will be fine.This book does a great job of showing you what you need to know to get started with iOS. When you are done with it you should be able to easily move into learning more by reading more books, like iOS Programming: The Big Nerd Ranch Guide (4th Edition) . You will need to learn a lot more to be proficient in Xcode and iOS.The book is broken down into 5 parts. I have summarized each below:Getting Started (Chapters 1-2)This first part explains what you can expect from the book, and what the author's expect of you. It then takes you through the steps of creating your first application with Xcode.How Programming Works (Chapters 3-12)In this part you get an overview of C. The authors take you on a tour of some programming concepts using the functionality provide by the C language. Topics they cover include Functions, Variables, Types, if/else, Loops, Numbers, Format Strings, Pointers, the Heap, and Structs.Objective-C and Foundation (Chapters 13-30)In these chapters the authors take you on a tour of object oriented concepts and Objective-C.

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