1.	Record Nr.	UNINA9910254568903321
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	Titolo	macOS Programming for Absolute Beginners [[electronic resource]] : Developing Apps Using Swift and Xcode / / by Wallace Wang
	Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2017
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XXVI, 647 p. 360 illus., 349 illus. in color.)
	Disciplina	005.11
	Soggetti	Computer programming
		Programming languages (Electronic computers)
		Operating systems (Computers)
		Apple computer
		Programming Techniques
		Programming Languages, Compilers, Interpreters
		Operating Systems
		Apple and iOS
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	Introduction -- Understanding programming -- Getting to know Xcode 8 -- The basics of creating a Mac program -- Getting help -- Learning Swift with playgrounds -- Manipulating numbers and strings -- Making decisions with Branches -- Repeating code with loops -- Arrays and dictionaries -- Tuples and sets -- Storing code in functions -- Defining custom data types -- Creating classes and objects -- Inheritance, polymorphism, and extending classes -- Creating a user interface -- Working with storyboards -- Choosing commands with buttons -- Making choices with radio buttons, check boxes, date pickers, and sliders -- Using text with labels, text fields, and combo boxes -- Designing a user interface with constraints -- Using alerts and panels -- Creating pull-down menus -- Programming the touch bar -- Protocol-oriented programming -- Defensive programming -- Simplifying user interface design -- Debugging your programs -- Planning a program before and after coding.
	Sommario/riassunto	Learn how to code for the iMac, Mac mini, Mac Pro, and MacBook using

Swift, Apple's hottest programming language. Fully updated to cover the new MacBook Touch Bar, macOS Programming for Absolute Beginners will not only teach complete programming novices how to write macOS programs, but it can also help experienced programmers moving to the Mac for the first time. You will learn the principles of programming, how to use Swift and Xcode, and how to combine your knowledge into writing macOS programs. If you've always wanted to learn coding but felt stymied by the limitation of simplistic programming languages or intimidated by professional but complicated programming languages, then you'll want to learn Swift. Swift is your gateway to both Mac and iOS app development while being powerful and easy to learn at the same time, and macOS Programming for Absolute Beginners is the perfect place to start - add it to your library today.