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Titolo	Learn Kotlin for Android Development : The Next Generation Language for Modern Android Apps Programming // by Peter Späth
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2019
ISBN	1-4842-4467-2
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (517 pages)
Disciplina	005.133
Soggetti	Programming languages (Electronic computers) Mobile computing Java (Computer program language) Programming Languages, Compilers, Interpreters Mobile Computing Java
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1: Your First Kotlin App: Hello Kotlin -- Chapter 2: Classes And Objects: Object Orientation Philosophy -- Chapter 3: Classes at Work: Properties And Functions -- Chapter 4: Classes And Objects: Extended Features -- Chapter 5: Expressions: Operations on Data -- Chapter 6: Comments in Kotlin Files -- Chapter 7: Structural Constructs: Loops, Decisions And Scopes -- Chapter 8: Exceptions: If Something Goes Wrong -- Chapter 9: Data Containers: Arrays And Collections -- Chapter 10: True, False And Undecided: Nullability -- Chapter 11: Handling Equality -- Chapter 12: Back to Math: Functional Programming -- Chapter 13: About Type Safety: Generics -- Chapter 14: Adding Hints: Annotations -- Chapter 15: Using The Java And Kotlin APIs -- Chapter 16: The Collections API -- Chapter 17: More APIs -- Chapter 18: Working in Parallel: Multithreading -- Chapter 19: Using External Libraries -- Chapter 20: XML And JSON -- Appendix A: Solutions to Exercises.
Sommario/riassunto	Build Android apps and learn the essentials of the popular Kotlin programming language and APIs. This book will teach you the key Kotlin skills and techniques important for creating your very own

Android apps. Apart from introducing Kotlin programming, *Learn Kotlin for Android Development* stresses clean code principles and introduces object-oriented and functional programming as a starting point for developing Android apps. After reading and using this book, you'll have a foundation to take away and apply to your own Kotlin-based Android app development. You'll be able to write useful and efficient Kotlin-based apps for Android, using most of the features Kotlin as a language has to offer. You will:

- Build your first Kotlin app that runs on Android
- Work with Kotlin classes and objects for Android
- Use constructs, loops, decisions, and scopes
- Carry out operations on data
- Master data containers, arrays, and collections
- Handle exceptions and access external libraries.
