

1. Record Nr.	UNINA9910819973203321
Autore	Shute Zachary
Titolo	Advanced JavaScript : speed up web development with the powerful features and benefits of JavaScript / / Zachary Shute
Pubbl/distr/stampa	[Place of publication not identified] : , : Packt, , [2019]
Edizione	[1st edition]
Descrizione fisica	1 online resource (330 pages)
Disciplina	005.2762
Soggetti	JavaScript (Computer program language)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Gain a deeper understanding of JavaScript and apply it to build small applications in backend, frontend, and mobile frameworks. Key Features Explore the new ES6 syntax, the event loop, and asynchronous programming Learn the test-driven development approach when building apps Master advanced JavaScript concepts to enhance your web developments skill Book Description If you are looking for a programming language to develop flexible and efficient applications, JavaScript is an obvious choice. Advanced JavaScript is a hands-on guide that takes you through JavaScript and its many features, one step at a time. You'll begin by learning how to use the new JavaScript syntax in ES6, and then work through the many other features that modern JavaScript has to offer. As you progress through the chapters, you'll use asynchronous programming with callbacks and promises, handle browser events, and perform Document Object Model (DOM) manipulation. You'll also explore various methods of testing JavaScript projects. In the concluding chapters, you'll discover functional programming and learn to use it to build your apps. With this book as your guide, you'll also be able to develop APIs using Node.js and Express, create front-ends using React/Redux, and build mobile apps using React/Expo. By the end of Advanced JavaScript, you will have explored the features and benefits of JavaScript to build small applications. What you will learn Examine major features in ES6 and implement those features to build applications Create promise and</p>

callback handlers to work with asynchronous processes Develop asynchronous flows using Promise chaining and async/await syntax Manipulate the DOM with JavaScript Handle JavaScript browser events Explore Test Driven Development and build code tests with JavaScript code testing frameworks. List the benefits and drawbacks of functional programming compared to other styles Construct applications with the Node.js backend framework and the React frontend framework Who this book is for This book is designed to target anyone who wants to write JavaScript in a professional environment. We expect the audience to have used JavaScript in some capacity and be familiar with the basic syntax. This book would be good for a tech enthusiast wondering when to use generators or how to use Promises and Callbacks effectively, or a novice developer who wants to deepen their knowledge on JavaScript and understand TDD.

2. Record Nr.	UNINA9910380730203321
Autore	Fernando Anjana
Titolo	Beginning Ballerina Programming : From Novice to Professional / / by Anjana Fernando, Lakmal Warusawithana
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2020
ISBN	9781484251393 1484251393
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVII, 335 p. 75 illus.)
Disciplina	001.642
Soggetti	Programming languages (Electronic computers) Java (Computer program language) Computer programming Programming Languages, Compilers, Interpreters Java Web Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1: Getting Started -- Chapter 2: Programming Basics --

Chapter 3: Lists, Mappings and Objects -- Chapter 4: Code Organization -- Chapter 5: Error Handling -- Chapter 6: Concurrency -- Chapter 7: Files and I/O -- Chapter 8: Programming the Network -- Chapter 9: Information Security -- Chapter 10: Database Programming -- Appendix A: Numbers and Representation.

Sommario/riassunto

Discover the Ballerina programming language for next-generation microservices and cloud-native application development. This book shows you that Ballerina is a cutting-edge programming language which incorporates many of the latest technological advancements in programming language theory. You'll learn variables and types, modules and functions, flow control, error handling, concurrency, I/O, cloud/network programming, persistence and data access, security and more. Additionally, Beginning Ballerina Programming introduces many foundation computer science topics along the way and doesn't assume much prior knowledge. For example, when introducing transport-level security, you will get a brief introduction to public-key cryptography, how it is different from private-key cryptography, and why we need it. This provides an added bonus for you to learn something new and general in computer science. After reading and using this book, you'll be proficient with Ballerina and cloud-first programming and be able to apply these concepts and techniques to your next cloud application developments You will: Start programming with Ballerina Gain the basics of network communication and programming Obtain a solid understanding of services/API development and resilient communication Effective use of concurrency in programming Learn the basics of information security and its applications Persistent data storage and access.
