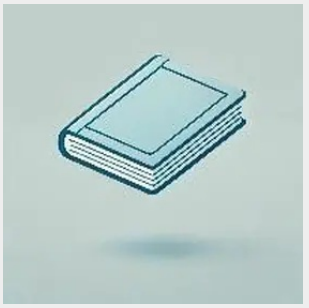
Chin / Reif

AI First Java Programming

Modern Language Learning with GenAI



64,19 €
59,99 € (zzgl. MwSt.)

vorbestellbar, Erscheinungstermin ca. Mai 2027

Artikelnummer: 9798868835261
Medium: Buch
ISBN: 979-8-8688-3526-1
Verlag: APRESS L.P.
Erscheinungstermin: 12.04.2027
Sprache(n): Englisch
Auflage: 1. Auflage 2027
Serie: AI First Programming
Produktform: Kartoniert
Format (B x H): 178 x 254 mm

Become a confident Java developer from scratch with lessons built around cutting-edge tools like Copilot, ChatGPT, and Agentic Coding Frameworks. This book will teach you to code in Java using a structured and modern curriculum based on generative AI (GenAI).Rather than starting with programming fundamentals like syntax, variables, and data structures, you will first dive into a natural language and prompt-driven style of development. Each chapter starts with a fun and engaging application designed to spark your interest and motivate you to learn. This is paired with detailed explanations of programming concepts so you can follow along with the generated code line-by-line and complete self-paced exercises to improve the application.With this book's GenAI-accelerated, goal-driven approach, you'll quickly grasp Java fundamentals and learn to apply modern techniques like prompt-driven and agent-assisted coding. By the end, you'll be able to turn ideas into working code fast and thrive in GenAI-powered development teams.What You Will Learn: - Build simple Java applications and algorithms using prompts- Grasp programming fundamentals of the Java language including syntax, variables, control structures, data structures, methods, and classes- Understand and modify generated Java code to make changes and improvements in the code- Apply techniques including object-oriented programming, data abstraction, and design patterns that are the foundation of software development- Utilize agent coding platforms to build complex Java applications that use frameworks and librariesWho This Book is for: Self-motivated learners who want to learn Java from the ground up. As part of the AI First series, it offers a modern, self-paced alternative to traditional 100-level programming content, making it accessible for aspiring developers through experienced professionals.

Become a confident Java developer from scratch with lessons built around cutting-edge tools like Copilot, ChatGPT, and Agentic Coding Frameworks. This book will teach you to code in Java using a structured and modern curriculum based on generative AI (GenAI).Rather than starting with programming fundamentals like syntax, variables, and data structures, you will first dive into a natural language and prompt-driven style of development. Each chapter starts with a fun and engaging application designed to spark your interest and motivate you to learn. This is paired with detailed explanations of programming concepts so you can follow along with the generated code line-by-line and complete self-paced exercises to improve the application.With this book's GenAI-accelerated, goal-driven approach, you'll quickly grasp Java fundamentals and learn to apply modern techniques like prompt-driven and agent-assisted coding. By the end, you'll be able to turn ideas into working code fast and thrive in GenAI-powered development teams.What You Will Learn: - Build simple Java applications and algorithms using prompts- Grasp programming fundamentals of the Java language including syntax, variables, control structures, data structures, methods, and classes- Understand and modify generated Java code to make changes and improvements in the code- Apply techniques including object-oriented programming, data abstraction, and design patterns that are the foundation of software development- Utilize agent coding platforms to build complex Java applications that use frameworks and librariesWho This Book is for: Self-motivated learners who want to learn Java from the ground up. As part of the AI First series, it offers a modern, self-paced alternative to traditional 100-level programming content, making it accessible for aspiring developers through experienced professionals.

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)