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Coding For Kids For Dummies

15 Fun Coding Projects!

Coding
FOR
KIDS

- Create Games and Apps
- Customize Your Projects
- Learn Real Coding Skills

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Coding Teacher and Tech Geek

FOR DUMMIES
A Wiley Brand
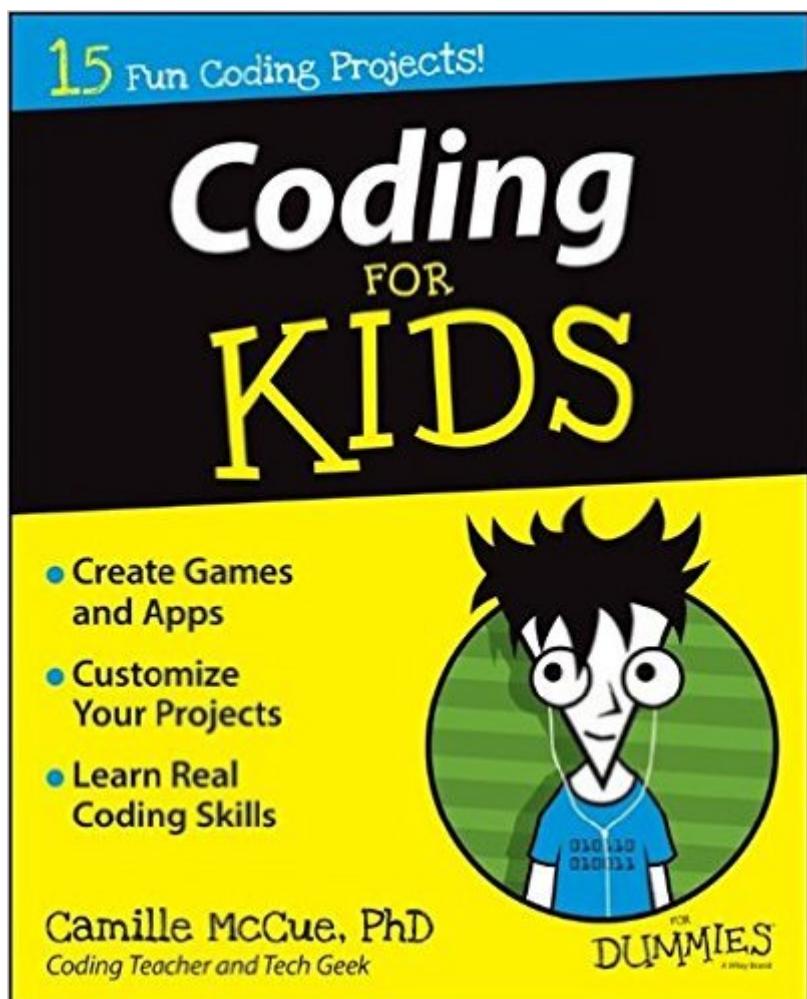
Synopsis

An easy-to-grasp introduction to coding concepts for kids Coding For Kids For Dummies breaks coding into a series of small projects, each designed to teach elementary-to-middle-school-aged students a core concept to build a game, application, or other tool. In this his hands-on, friendly guide readers will get access to a leading coding tool that has been designed specifically for kids, showing them how to create the projects provided in the book as well as how to implement them into their own creative work. Written by a teacher and leading advocate of coding education, Coding For Kids For Dummies explains to kids in plain English how to apply the math and logic skills they already have to the subject of coding. In no time, they'll be grasping basic coding concepts, completing their very own technical feats, and arming themselves with the computer science experience and know-how to prepare for a future working with technology. Lay-flat binding allows for easy access as students work on projects Full-color, large-print design make the information more approachable to kids Kids interested in computer science get a competitive edge The author has dedicated her career to enhancing coding and other STEM education in schools If you're a student who wants to learn coding, a parent who wants to help your kid pursue an interest in coding, or a teacher who is in need of a supplemental course book for your computer science class, Coding For Kids For Dummies has you covered.

Book Information

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Average Customer Review: 3.9 out of 5 stars See all reviews (46 customer reviews)

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Age Range: 10 - 14 years

Grade Level: 5 - 9

Customer Reviews

Anyone who purchases this book should know that Coding for Kids specifically teaches MicroWorlds EX. Readers get a free trial version for 35 days or 90 saves (whichever comes first). You also receive a 70% discount on MicroWorlds EX, which, according to the LCSI website, costs $99 for a single user license. So the book by itself is only useful for less than 2 months. (www.microworlds.com)Having said that, this is an excellent tutorial. MicroWorlds EX is based on the Logo programming language and uses natural language commands and objects called "turtles" to execute the commands. The LCSI website says the target age is grade 4 and up and my 10-year-old was able to follow the directions to create the games. I sat with him and explained what we were doing, so he was able to make modifications on his own. The book is well-formatted and leads kids through the process of coding with picture clues to guide them and the author's explanations are simple to understand. Although it says "for Kids" in the title, it's not for little kids. (There's a MicroWorlds JR for them). I think that middle school students (or high school if they've had no coding experience) would be a more appropriate audience for this book.The book is divided into 5 weeks of coding with 3 projects each week, so you do have time to evaluate the software to see if you want to purchase it. The author presents a variety of projects that teach coding basics and her directions are simple to follow, with plenty of graphics and screen shots to guide you along. Projects include programming a spirograph-like "Art Toy", a "Sketcher Etcher", some interactive animations, some programmed simulations and math activities, and some games like "Rock Paper Scissors" and a version of Frogger.

Coding Interview Ninja: 50 coding questions with Java solutions to practice for your coding interview. Kids coding book: Memory Loss (Coding Palz computer programming for kids) Order,Order,Order - Kids Coding book (Coding Palz - Computer programming for kids) Java: The Ultimate Guide to Learn Java and Python Programming (Programming, Java, Database, Java for dummies, coding books, java programming) (HTML, ... Developers, Coding, CSS, PHP) (Volume 3) Java: The Simple Guide to Learn Java Programming In No Time (Programming,Database, Java for dummies, coding books, java programming) (HTML,Javascript,Programming,Developers,Coding,CSS,PHP) (Volume 2) Books For Kids: The Misadventures of Mischievous Missy (KIDS ADVENTURE BOOKS #9) (Kids Books, Children Books, Kids Stories, Kids Adventure, Kids Fantasy, Mystery, Series Books Kids Ages 4-6 6-8 9-12)

The Scratch Coding Cards: Creative Coding Activities for Kids Coding, Bugs, and Fixes (Kids Get Coding) Hello Ruby: Coding For Kids: PreK - Grade 2 story book that teaches computer science (Coding Palz Children's book 1) Coding For Kids For Dummies Learn CSS in One Day and Learn It Well (Includes HTML5): CSS for Beginners with Hands-on Project. The only book you need to start coding in CSS ... Coding Fast with Hands-On Project) (Volume 2) Handbook of Coding Theory, Volume 1: Part 1 : Algebraic Coding Coding Club Python: Building Big Apps Level 3 (Coding Club, Level 3) ICD-10 Snapshot 2017 Coding Cards Psychiatry (ICD-10-CM 2017 Snapshot Coding Cards) Medical Coding Online for Step-by-Step Medical Coding 2016 Edition (Access Code, Textbook and Workbook Package), 1e ICD-10-CM 2017 Snapshot Coding Card: Ophthalmology (ICD-10-CM 2017 Snapshot Coding Cards) Medical Coding Online for Step-by-Step Medical Coding 2016 Edition (Access Code & Textbook Package), 1e Books For Kids : Charlie The Smart Elephant (FREE BONUS) (Bedtime Stories for Kids Ages 2 - 10) (Books for kids, Children's Books, Kids Books, puppy story, ... Books for Kids age 2-10, Beginner Readers) Books for Kids: Chompy the Shark (Bedtime Stories For Kids Ages 4-8): Short Stories for Kids, Kids Books, Bedtime Stories For Kids, Children Books, Early ... (Fun Time Series for Early Readers Book 2) Books for Kids: Lily the Little Mermaid (Mermaid Books for Kids, Children's Books, Kids Books, Bedtime Stories For Kids) (The Mermaid Stories: Kids Fantasy Books Book 2)