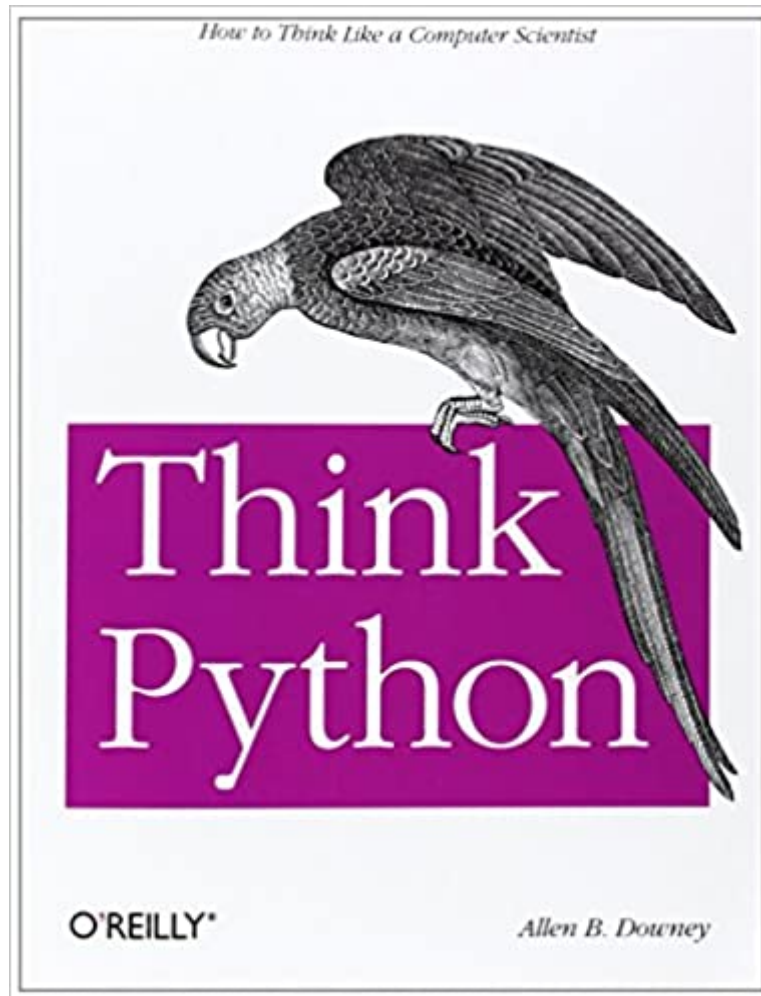




Ebook Directory
the best source of ebook

The book was found

Think Python



Synopsis

If you want to learn how to program, working with Python is an excellent way to start. This hands-on guide takes you through the language one step at a time, beginning with basic programming concepts before moving on to functions, recursion, data structures, and object-oriented design. Through exercises in each chapter, you'll try out programming concepts as you learn them. Think Python is ideal for students at the high school or college level, as well as self-learners, home-schooled students, and professionals who need to learn programming basics. Start with the basics, including language syntax and semantics. Get a clear definition of each programming concept. Learn values, variables, statements, functions, and data structures in a logical progression. Discover how to work with files and databases. Understand objects, methods, and object-oriented programming. Use debugging techniques to fix syntax, runtime, and semantic errors. Explore interface design, data structures, and GUI-based programs through case studies.

Book Information

Paperback: 300 pages

Publisher: O'Reilly Media; 1 edition (August 20, 2012)

Language: English

ISBN-10: 144933072X

ISBN-13: 978-1449330729

Product Dimensions: 7 x 0.9 x 9.2 inches

Shipping Weight: 1.1 pounds

Average Customer Review: 4.1 out of 5 stars 82 customer reviews

Best Sellers Rank: #422,322 in Books (See Top 100 in Books) #108 in Books > Computers & Technology > Computer Science > Bioinformatics #428 in Books > Computers & Technology > Programming > Languages & Tools > Python #1087 in Books > Computers & Technology > Programming > Web Programming

Customer Reviews

How to Think Like a Computer Scientist

Allen Downey is an Associate Professor of Computer Science at the Olin College of Engineering. He has taught computer science at Wellesley College, Colby College and U.C. Berkeley. He has a Ph.D. in Computer Science from U.C. Berkeley and Master's and Bachelor's degrees from MIT.

I am a big fan of Dr. Downey. Think Python is one of several introductory level books he has written recently. It is the product of many years of teaching computer science to university students. It is a well laid out introduction to computer science, programming, data structures, algorithms, and Python. It is very well suited to independent study. I am a retired university professor of computer science. This is a book I would have chosen as a class text.

The good: This is a wonderfully written book. Having programed for several decades, I was surprised by how much I enjoyed a introductory programing book. This book blends in concepts of how to solve problems while introducing python. The progression of python was done excellently with non-trivial insightful examples. The bad: I only gripe I have about my current copy of the book is that there were several pages missing! The 4 star is for these missing pages. Otherwise, this product deserves a 5 star for what it accomplishes. The temporary fix: As others have noted, this book is available online and I was able to read the missing pages there!

The book is brand new and delivered quickly. It's recommended by a professor of data science course. It's really good for students who encountered with python for the first time. There is also brief introduction to computer science and programming languages. It's nicely organized, explained and very easy to follow. I have not yet read it through although the course is over. I used it as a hand book and check whenever I forgot the command or had bugs. I will keep it until I get familiar with python, and becoming skillful. I really like the book because it somehow helps me to learn to think like a computer scientist.

Great text for the beginner, teaching not just Python syntax but also design and some basic CS. Even though there is a newer edition for Python 3, this edition does mention the minor differences between the Python versions, which are minor at this level and easily learned at the same time.

Its hard to rave about a programming book. It is a good reference and is well written, but let's face it, the fastest and best way to learn a programming language these days is through some short introduction course (like Coursera.org, or edX.org) and google questions. However, if reading a text from cover to cover, or just as a reference is your preferred method of learning, this is a good Python book.

1st off....waaaaay cheaper than on campus. Second, does the job and fairly simple explanation of how python works.

I am not new to programming, and for that reason the book is probably starting at a too low level for me. However, since I have very little spare time and I do want to learn Python, the example were so simple that it was then easy to try them out and get me going with this programming language.

Very helpful introductory level guide to programming with Python.

[Download to continue reading...](#)

Python: The Complete Python Quickstart Guide (For Beginner's) (Python, Python Programming, Python for Dummies, Python for Beginners) Python: Programming: Your Step By Step Guide To Easily Learn Python in 7 Days (Python for Beginners, Python Programming for Beginners, Learn Python, Python Language) Hacking with Python: Beginner's Guide to Ethical Hacking, Basic Security, Penetration Testing, and Python Hacking (Python Programming, Hacking, Python Coding, Python and Hacking Book 3) PYTHON: PYTHON'S COMPANION, A STEP BY STEP GUIDE FOR BEGINNERS TO START CODING TODAY! (INCLUDES A 6 PAGE PRINTABLE CHEAT SHEET)(PYTHON FOR BEGINNERS, PYTHON FOR DUMMIES, PYTHON PROGRAMMING) Python Programming: Python Programming for Beginners, Python Programming for Intermediates, Python Programming for Advanced PYTHON: LEARN PYTHON in A Day and MASTER IT WELL. The Only Essential Book You Need To Start Programming in Python Now. Hands On Challenges INCLUDED! (Programming for Beginners, Python) Python: Learn Python in a Day and Master It Well: The Only Essential Book You Need to Start Programming in Python Now Maya Python for Games and Film: A Complete Reference for Maya Python and the Maya Python API Python Programming: An In-Depth Guide Into The Essentials Of Python Programming (Included: 30+ Exercises To Master Python in No Time!) Python: The Fundamentals Of Python Programming: A Complete Beginners Guide To Python Mastery. Think Python: How to Think Like a Computer Scientist Do You Think What You Think You Think?: The Ultimate Philosophical Handbook Python Programming Advanced: A Complete Guide on Python Programming for Advanced Users Python: Python Programming for Intermediates How to Code 2.0: Pushing Your Skills Further with Python: Learn how to code with Python and Pygame in 10 Easy Lessons (Super Skills) Python Programming Guide + SQL Guide - Learn to be an EXPERT in a DAY!: Box Set Guide (Python Programming, SQL) Data Analytics and Python Programming: 2 Bundle Manuscript: Beginners Guide to Learn Data Analytics, Predictive Analytics and Data Science with Python Programming

C++ and Python Programming: 2 Manuscript Bundle: Introductory Beginners Guide to Learn C++ Programming and Python Programming C++ and Python Programming 2 Bundle Manuscript. Introductory Beginners Guide to Learn C++ Programming and Python Programming Python and Hacking Made Simple: Full Beginners Bundle To Master Python and Hacking (2 Books in 1)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)