A Beginners Guide to Python 3 Programming

Springer

1st edition

1st ed. 2019, XXVII, 433 p. 934 illus., 102 illus. in color.

Printed book
Softcover

Printed book
Softcover

£ 34,99 | CHF 47,50 | 39,99 € | 43,99 € (A) | 42,79 € (D)

Available

Discount group
Standard (0)

Product category
Undergraduate textbook

Series
Undergraduate Topics in Computer Science

Other renditions
Softcover

Computer Science : Programming Languages, Compilers, Interpreters

Hunt, John

A Beginners Guide to Python 3 Programming

- Includes an introduction to Python as well as advanced topics such as generators and coroutines
- Offers extensive coverage of Object Orientation and the features in Python 3 supporting classes, inheritance and protocols
- Presents Functional Programming as well as how concepts such as closures, currying and higher order functions work in Python
- Includes all code examples (and exercise solutions) on line in a GitHub repository

This textbook on Python 3 explains concepts such as variables and what they represent, how data is held in memory, how a for loop works and what a string is. It also introduces key concepts such as functions, modules and packages as well as object orientation and functional programming. Each section is prefaced with an introductory chapter, before continuing with how these ideas work in Python. Topics such as generators and coroutines are often misunderstood and these are explained in detail, whilst topics such as Referential Transparency, multiple inheritance and exception handling are presented using examples. A Beginners Guide to Python 3 Programmingprovides all you need to know about Python, with numerous examples provided throughout including several larger worked case studies illustrating the ideas presented in the previous chapters.

Order online at springer.com/booksellers
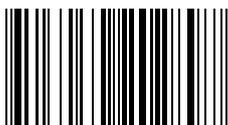**Springer Nature Customer Service Center GmbH**
Customer Service
Tiergartenstrasse 15-17
69121 Heidelberg
Germany
T: +49 (0)6221 345-4301
row-booksellers@springernature.com

Part of **SPRINGER NATURE**