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Python Distilled

2021-08-24

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2007-06

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2017-03-06

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Cython

2015-06-18

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2023-04-14

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2008-07

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2011-03-11

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Python for Data Science

2021-02-12

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2014-01-24

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python is powerfull programming language python easy to learn and fun to use this book brings python to life and quirky full color illustrations keep things on the lighter side you ll learn how to organize object oriented programming and reuse your code with class functions and method use control structures like loops and conditional statements draw shapes and patterns with python s and create games animations and graphic with canvas in just a short time you can learn how to use python together to design and develop using a straightforward step by step approach each lesson in this book builds on the previous ones enabling you to learn the essentials from the ground up clear instructions and practical hands on examples show you how to use python 3 create own application and games the complexity of life because they do not understand to simplify the complex simple is the beginning of wisdom from the essence of practice this book briefly explain the concept and vividly cultivate programming interest you will learn it easy and fast

Python

2009-04-25

python

Easy Learning Python 3 (2 Edition)

2020-04-17

a comprehensive guide to exploring modern python through data structures design patterns and effective object oriented techniques key features build an intuitive understanding of object oriented design from introductory to mature programs learn the ins and outs of python syntax libraries and best practices examine a machine learning case study at the end of each chapter book description python object oriented programming fourth edition dives deep into the various aspects of oop python as an oop language common and advanced design patterns and hands on data manipulation and testing of more complex oop systems these concepts are consolidated by open ended exercises as well as a real world case study at the end of every chapter newly written for this edition all example code is now compatible with python 3 9 syntax and has been updated with type hints for ease of learning steven and dusty provide a friendly comprehensive tour of important oop concepts such as inheritance composition and polymorphism and explain how they work together with python s classes and data structures to facilitate good design uml class diagrams are generously used throughout the text for you to understand class relationships beyond the book s focus on oop it features an in depth look at python s exception handling and how functional programming intersects with oop not one but two very powerful automated testing systems unittest and pytest are introduced in this book the final chapter provides a detailed discussion of python s concurrent programming ecosystem by the end of the book you will have a thorough understanding of how to think about and apply object oriented principles using python syntax and be able to confidently create robust and reliable programs what you will learn implement objects in python by creating classes and defining methods extend class functionality using inheritance use exceptions to handle unusual situations cleanly understand when to use object oriented features and more importantly when not to use them discover several widely used design patterns and how they are implemented in python uncover the simplicity of unit and integration testing and understand why they are so important learn to statically type check your dynamic code understand concurrency with asyncio and how it speeds up programs who this book is for if you are new to object oriented programming techniques or if you have basic python skills and wish to learn how and when to correctly apply oop principles in python this is the book for you moreover if you are an object oriented programmer coming from other languages or seeking a leg up in the new world of python you will find this book a useful introduction to python minimal previous experience with python is necessary

AI

2021-04

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Python Object-Oriented Programming - Fourth Edition

2021-06-29

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Expert Python Programming

2019-04-29

2024-02-21

building desktop applications doesn t have to be difficult using python qt5 you can create fully functional desktop apps in minutes this is the 4th edition of create gui applications updated for 2020 pyside2 starting from the very basics this book takes you on a tour of the key features of pyside you can use to build real life applications learn the fundamental building blocks of pyside applications widgets layouts signals and learn how pyside uses the event loop to handle and respond to user input design beautiful uis with qt designer and customize the look and feel of your applications with qt style sheets and custom widgets use qt s mvc like modelviews framework to connect data sources to your widgets including sql databases numpy and pandas data tables to build data driven application visualize data using matplotlib pyqtgraph and connect with external data sources to build live dashboards learn how to use threads and processes to manage long running tasks and communicate with external services parse data and visualize the output in logs and progress bars the book includes usability and architectural tips to help you build maintainable and usable pyside2 applications from the start finally once your application is ready to be released discover how to package it up into professional quality installers ready to ship the book includes 665 pages

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web2py (5th Edition)

2013

this book presents computer programming as a key method for solving mathematical problems there are two versions of the book one for matlab and one for python the book was inspired by the springer book tcse 6 a primer on scientific programming with python by langtangen but the style is more accessible and concise in keeping with the needs of engineering students the book outlines the shortest possible path from no previous experience with programming to a set of skills that allows the students to write simple programs for solving common mathematical problems with numerical methods in engineering and science courses the emphasis is on generic algorithms clean design of programs use of functions and automatic tests for verification

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