Python Learn Python Regular Expressions Fast The Ultimate Crash Course To Learning The Basics Of Python Regular Expressions In No Time Python Python Python Regular Expressions Books

Programming knowledge is often necessary for finding a solution to a biological problem. Based on the author's experience working for an agricultural biotechnology company, Python for Bioinformatics helps scientists solve their biological problems by helping them understand the basics of programming. Requiring no prior knowledge of programming-related concepts, the book focuses on the easy-to-use, yet powerful, Python computer language. The book begins with a very basic introduction that teaches the principles of programming. It then introduces the Biopython package, which can be useful in solving life science problems. The next section covers sophisticated tools for bioinformatics, including relational database management systems and XML. The last part illustrates applications with source code, such as sequence manipulation, filtering vector contamination, calculating DNA melting temperature, parsing a genbank file, inferring splicing sites, and more. The appendices provide a wealth of supplementary information, including instructions for installing Python and Biopython and a Python language and style guide. By incorporating examples in biology as well as code fragments throughout, the author places a special emphasis on practice, encouraging readers to experiment with the code. He shows how to use Python and the Biopython package for building web applications, genomic annotation, data manipulation, and countless other applications.

JavascriptSale price. You will save 66% with this offer. Please hurry up! Javascript and Python. The Ultimate Crash Course to Learn Python and Javascript Programming(javascript for beginners, how to program, software development, hacking, on to c++)JavascriptJavaScript is easier to learn if you have the correct tools. Unfortunately, most resources available today were written in complex human words which make it difficult for complete beginners to appreciate the beautiful world of programming.This book aims to teach you the basics of JavaScript language in the simplest way possible. Unlike other resources, this book will not feed you with too many technicalities that might confuse you along the way. Each discussion was written in simple words. All exercises in this book were carefully chosen to be simple cases in order to make your JavaScript practice easier. Here is a preview of what you'll learn: Introduction to Programming Short History of JavaScript Creating Values in JavaScript Language Managing Values Using Variables Integrating JavaScript with HTML PythonHave you heard of the programming language Python?Would you like to learn more about this English-based programming language so that you can write programs that work?Then you want to scroll up and grab a copy of

this eBook!Programming in Python is actually very simple when it comes down to it. In fact, that was the main point of coming up with this programming language back in the 1980's. The developer who founded this language wanted to create one that just about anyone could use and understand, and they succeeded! Python is a simple programming language that uses the English language and a rigid system of organizing code to help developers write code just about anyone can understand.In this book, you'll learn the basics about: Setting up Python Variables Interpreter Importance of Comments Python Docstrings Keywords in Python Booleans, True or False in Python Python Operators Using Math in Python Exception Handling in Python Strings Built-In Methods Lists How To Use Dictionaries In Python And much more! Download your copy of "Javascript" by scrolling up and clicking "Buy Now With 1-Click" button. Tags: What is Python, How to Install Python Programming, Variables and Types, Lists, Basic Operators, String Formatting, Conditions, Loops, Functions, Classes and Objects, Generators, Regular Expressions, Comprehension lists, Functions of multiple arguments, Exception Handling, Sets, Serialization, Partial functions, Code introspection, Python Programming for Beginners: An Introduction to the Python Computer Language and Computer Programming (Python, Python 3, Python Tutorial, Python, Python course, Python book, learning Python, Python language, Python examples, Python tutorials, Python programming language, Python coding, Python programming for beginners, Python for Dummies, Python, Python Regular Expressions course, Python Regular Expressions book, Python Regular Expressions book-course, Javascript, javascript for beginners, java programming, computer programming, programming computer, ultimate guide, programming for beginners, software development, programming software, software programs, how to program, basic javascript, javascript course, new technologies, browsers, computer language, computer basics, computing essentials, computer guide, computers books, internet browser, C++programming, C++ programming language, HTML, Javascript, Programming, Developers, Coding, CSS, Java, PHP, C++, Javascript, PHP, Python, Sql, HTML, Swift, C++, C Programming, Programming for beginners, c plus plus, PHP, Java, C++ Programming Portable, powerful, and a breeze to use, Python is the popular open source object-oriented programming language used for both standalone programs and scripting applications. Python is considered easy to learn, but there's no quicker way to mastery of the language than learning from an expert teacher. This edition of Learning Python puts you in the hands of two expert teachers, Mark Lutz and David Ascher, whose friendly, well-structured prose has guided many a programmer to proficiency with the language. Learning Python, Second Edition, offers programmers a comprehensive learning tool for Python and object-oriented programming. Thoroughly updated for the numerous language and class presentation changes that have taken place since the release of the first edition in 1999, this guide introduces the basic elements of the latest release of Python 2.3 and covers new features, such as list comprehensions, nested scopes, and

iterators/generators. Beyond language features, this edition of Learning Python also includes new context for less-experienced programmers, including fresh overviews of object-oriented programming and dynamic typing, new discussions of program launch and configuration options, new coverage of documentation sources, and more. There are also new use cases throughout to make the application of language features more concrete. The first part of Learning Python gives programmers all the information they'll need to understand and construct programs in the Python language, including types, operators, statements, classes, functions, modules and exceptions. The authors then present more advanced material, showing how Python performs common tasks by offering real applications and the libraries available for those applications. Each chapter ends with a series of exercises that will test your Python skills and measure your understanding. Learning Python, Second Edition is a self-paced book that allows readers to focus on the core Python language in depth. As you work through the book, you'll gain a deep and complete understanding of the Python language that will help you to understand the larger application-level examples that you'll encounter on your own. If you're interested in learning Python--and want to do so quickly and efficiently--then Learning Python, Second Edition is your best choice. C++Sale price. You will save 66% with this offer. Please hurry up! The Ultimate Crash Course to Learning the Basics of C++ and the Python Programming Language (c plus plus, how to program, python programming, python language) C++ The Ultimate Guide to Learn C Programming (c plus plus, C++ for beginners, programming computer, how to program) The evolution that we have seen in technology in the last 10 years, has seen nearly everything that we interact with on a daily basis be controlled by a computer. As we know, all computers operate using a programming language most commonly referred to as C++. To many, C++ looks like a type of language that they will never be able to understand. However, learning C++ is much easier than you would think. Every process, large or small, are a series of smaller steps which achieve the end result. When you break down the computer programming language into smaller steps, you will quickly be able to come to terms with what everything means in no time at all. Through this book, you will learn the basics that every beginner wanting to learn about C++ should know.Here is a preview of what you'll learn: How to make our very first C++ program in less than 10 minutes. What software can we use to write C++ code. How to expand our program using variables. Different types of operators. How to make programs that loop. Solving simple problems using conditions and pointers. PythonLearn Python FAST - The Ultimate Crash Course to Learning the Basics of the Python Programming Language In No Time Have you heard of the programming language Python? Would you like to learn more about this English-based programming language so that you can write programs that work?Then you want to scroll up and grab a copy of this eBook!Programming in Python is actually very simple when it comes down to it. In fact, that was the main point of coming up with this programming

language back in the 1980's. The developer who founded this language wanted to create one that just about anyone could use and understand, and they succeeded! Python is a simple programming language that uses the English language and a rigid system of organizing code to help developers write code just about anyone can understand.In this book, you'll learn the basics about: Setting up Python Variables Interpreter Importance of Comments Python Docstrings Keywords in Python Booleans, True or False in Python Python Operators Using Math in Python Exception Handling in Python Strings Built-In Methods Lists How To Use Dictionaries In Python And much more! Download your copy of "C++" by scrolling up and clicking "Buy Now With 1-Click" button. Tags: C Programming, C++programming, C++ programming language, HTML, C++, c plus plus, PHP, Java, C++ Programming for Beginners, c primer plus, C Programming for Beginners, C++, Programming for beginners, computer programming, programming computer, ultimate guide, programming for beginners, software development, software programs, how to program, browsers, computer language, computer basics, computing essentials, computer guide, computers books, internet browsing, What is Python, How to Install Python Programming, Variables and Types, Lists, String Formatting, Conditions, Loops, Functions, Classes and Objects, Generators, Regular Expressions, Comprehension lists, Functions of multiple arguments, Exception Handling, Sets, Serialization, Partial functions, Code introspection, Python Tutorial, Python, Python course, Python book, Python language, Python tutorials, Python programming language, Python programming for beginners, Python for Dummies, Python, Python Regular Expressions course.

Master Python Programming Today Fast And Easily!! Today only, get this Amazon bestseller for just $13.38. Regularly priced at $17.38. This book contains proven steps and strategies to learn the essentials of Python Programming. It highlights the important concepts that every beginner to intermediate programmer should know and presents relevant and practical examples. It aims to provide a solid foundation for people who want to start a career in Python Programming. This book is a must for programming enthusiasts or students who need to learn and understand Python easily, quickly, and methodically. Here is a preview of what this book will offer: What is Python? What software you need to code and run Python programs? What are variables? What mathematical operators are there in Python? What are the common data types in Python? What are Lists and Tuples? How to format strings How to accept user inputs and display outputs How to make decisions with If statements How to control the flow of program with loops How to handle errors and exceptions What are functions and modules? How to define your own functions and modules How to work with external files The manipulation of various Python Programming Softwares Interactions between the user and computer using Python Method to develop your first software and beyond (including in-depth data manipulation) The future prospects of learning Python Don't wait any longer, get your copy today!

Are You Ready To Learn Python Fast and Learn it Well? Have you always wanted to learn Python programming but are afraid it'll be too difficult for you? What if you had access to a Python guide that literally takes you step by step through every essential process of learning the python language? This book is for you. Enough of wasting your time and money learning Python from lengthy books, expensive online courses or complicated Python tutorials. ****Bonus Included Inside**** Download your FREE Python Cheat sheet! Here's What You'll Learn From This Python For Beginners Book: - What is Python? - Why you should Learn Python? - What software you need to code and run Python programs? - What are Variables and Data Operators? - What are the common data types in Python? - What are Lists and Tuples? - How to format strings - What are functions and modules? - How to define your own functions and modules? - Decision Making and Flow Control in Python - How to accept user inputs and display output? - How to control the flow of program with loops? - How to handle errors and exceptions? - How to work with external files? - What are regular expressions? - And much more!! Finally, you'll be guided through two Practice Sets that require the application of all the topics covered. So What Are You Waiting For? Click the BUY button now to start learning Python. Tags: ------------ Python, Object-oriented Python, Python crash course, Python book, learn Python, Python language, Python 3, Python examples, Python tutorials, Python programming language, Python coding, Python programming for beginners, Python for Dummies

Python is an easy-to-use and easy-to learn programming language that is freely available on Windows, Macintosh, and Linux computers. In this book, you'll learn Python by working through 15 chapters. 1. Introduction 2. Installation and Getting Started 3. Python IDEs and Debuggers 4. Python Basics 5. Data Types and Dynamic Typing 6. Control Constructs 7. Functions 8. Modules, Import-Statements and Packages 9. Advanced Functions and Namespaces 10. File Input/Output 11. Assertion and Exception Handling 12. Commonly-Used Python Standard Library Modules 13. Object-Oriented Programming (OOP) in Python 14. Unit Testing 15. Database Programming This book is designed for - Students who want to learn programming and computational thinking with no programming experience - Junior developers who know one or two languages - Returning professionals who haven't written code in years - Seasoned professionals looking for a fast, simple, crash course in Python 3

'Learn Python Programming' provides basic and advanced concepts of Python. Our Python tutorial is designed for beginners and professionals. Python is a simple, general purpose, high level, and object-oriented programming language. Python is an interpreted scripting language also. Guido Van Rossum is known as the founder of Python programming. 'Learn Python Programming' includes all topics of Python Programming such as installation, control statements, Strings, Lists, Tuples, Dictionary, Modules, Exceptions, Date and Time, File I/O, Programs, etc. There are also given Python interview questions to help you

better understand Python Programming.

Do you need a general purpose, high level programming language? Do you want something that which focuses on readability and has less lines of codes than other programming languages? This book is one that provides that! Python is one of the best machine learning concepts currently on the market and it has seen a spike in popularity, mainly due to its simplicity when it comes to working with machine learning algorithms. Inside the pages of Python Machine Learning: The Ultimate Intermediate Guide to Learn Python Machine Learning Step by Step Using Scikit-learn and Tensorflow you will find easy to understand information which is perfect for those who want to take the next steps in their programming journey and includes: - The principles surrounding Python - Different types of networks so you can choose what works best for you - Features of the system - Real world feature engineering - Understanding the techniques of semi-supervised learning - And much more… If you already have some basic knowledge of Python, the various programming models and functional programming it supports, then this intermediate guide is perfect for expanding your knowledge base. Get your copy of this amazing book today and increase your Python skills now!

"Programs must be written for people to read, and only incidentally for machines to execute." Read this book for FREE with Kindle Unlimited! Python i? a high-level ??ri?ting l?ngu?g?. It is ???? to learn and ??w?rful th?n other languages b???u?? of it? dynamic n?tur? and ?im?l? ??nt?x whi?h allow ?m?ll lin?? ?f ??d?. In?lud?d ind?nt?ti?n ?nd object-oriented functional ?r?gr?mming m?k? it simple. Su?h ?dv?nt?g?? ?f P?th?n makes it diff?r?nt fr?m ?th?r l?ngu?g?? and that's wh? Python i? preferred f?r d?v?l??m?nt in ??m??ni?? m??tl?. In indu?tri??, machine learning u?ing python h?? become ???ul?r. Thi? i? because it h?? standard libraries whi?h ?r? used f?r ??i?ntifi? ?nd numerical calculations. Also, it ??n be ???r?t?d on Linux, Windows, Mac OS ?nd UNIX. Students wh? w?nt to m?k? future in Python ?r? j?ining ?nlin? vid?? training ??ur??? ?nd python ?r?gr?mming tutorial. Features ?f Python: A ?u??ti?n t? ?ri?? i? why machine l??rning u?ing python i? preferred ?v?r other l?ngu?g??? Thi? is because P?th?n h?? some f??tur?? ?v?r ?th?r ?r?gr?mming l?ngu?g??. H?r? ?r? ??m? b??i? features of P?th?n making it b?tt?r than ?th?r languages: P?th?n i? High-l?v?l l?ngu?g?. It means the context ?f P?th?n i? u??r-fri?ndl? r?th?r th?n m??hin? language. Th? interactive nature of P?th?n makes it ?im?l? ?nd ?ttr??tiv? for u??r?. In int?r??tiv? m?d?, users ?r? ?bl? t? check th? output f?r each ?t?t?m?nt. A? ?n Obj??t Oriented Pr?gr?mming l?ngu?g?, it ?ll?w? r?u?? ?nd recycling ?f ?r?gr?m?. The ??nt?x ?f P?th?n is ?xt?n?ibl? thr?ugh many libr?ri??. If ??u are r??d? t? start writing some codes, bu? thi? b??k n?w. Here's some of what you'll find in this book... Understanding The Python Coding Language B?n?f?t? ?f Using Th? P?th?n C?d?ng L?ngu?g? The Python Code Basics Working With Conditional Statement Und?r?t?nd?ng L??? Writing An Exception In Your Code What Are The Regular Expressions? Plus much, much more! Scroll up and download your

copy today! "Talk is cheap. Show me the code. Buy this book now to learn more!" Master python programming language in easy steps Key Featuresa- Start from basics of Python Control statement, loop structure, break, continue, and pass statement a- Detailed description of Python data types: string, tuple, list, and dictionary with the help of examplea- Organizing code using function, modules, and packagesa- Saving text and complex data in text, pickle, and JSON filesa- Learn the use of time and time zonesa- Parallel execution with the help of threading, multiprocessing, and subprocessinga- Helpful modules for industryDescriptionIt is said that learning Python is easy, but if a learner did not get the right path, then things can get complicated. This book is designed in such a way that you start from basics, followed by advance levels and then move on to some industry-related modules. The initial chapters are written in a simple manner; some chapters are of advance level. Start from the data structure of Python, such as string, list, tuple, and dictionary. The function and module chapter will let you know how to organize a large code. The built-in functions and modules like collections will give you greater flexibility to write efficient codes. The "e;time"e; chapter is very important when we deal with time-related things. The mid-chapter contains the advance chapters such as regular expressions, interaction with OS, and multithreading. These chapters are helpful when we want to search the pattern, run the OS commands, and execute the program in parallel. The last chapters are specially designed from an industry point of view. In order to ensure a high quality of code, we use config-parser to avoid hard-coding and logger to log the events. In the multiprocessing and subprocess chapter, you will learn creation, execution, and communication between the processes. What will you learnPython for developers is created by taking beginner and intermediate programmers. The book starts from scratch and takes you to the advanced level. After learning advance levels, you will learn parallel programming using multithreading, multiprocessing, and sub-processing. The book will provide information on modules which will be helpful form industry perspective. The book also contains the question for the preparation of the interview. You will also learn the difference between Python 2.7 and Python 3.7. Some of the chapters include an advance part, which will give an in-depth knowledge of the chapters. Who this book is forThis book is for whoever wants to learn Python and aspires to become a developer or work on projects. Beginners can read this book easily; however, a little knowledge about the programming concepts would be helpful. Basic knowledge of computers would suffice.Table of Contents1. Introduction to Python2. Python Operators3. Control statements and loop4. Strings5. List and tuple6. Dictionary and sets7. Functions8. Modules9. Exception handling10. File handling11. Collection12. Random modules and built-in function13. Time14. Regular expression15. Operating system interfaces16. Class17. Threads18. Queue19. Multiprocessing and Subprocess20. Useful ModulesAbout the Author Mohit is a Python programmer with a keen interest in the field of information security. He has completed his Bachelor's degree

(B.tech)in Computer Science from Kurukshetra University, Kurukshetra, and a Master's in Engineering (2012) in Computer Science from Thapar University, Patiala. He is a CEH, ECSA from EC-Council USA. He has worked in IBM, Teramatrix (Startup), and Sapient. He has been pursuing a Ph.D. degree in Blockchain from Thapar Institute of Engineering & Technology under Dr. Maninder Singh for two years. Mohit has published several articles in national and international magazines.

"Welcome to Python Regular Expressions Course! You will apply your new skills with four hands-on real-world projects. You will gain solid understanding on type of performance issues regex can run into, and techniques to address them. As part of resources in this course, you will get a high-quality quick reference guide, an interactive tool, all the source code and downloadable slides. Why Learn Regular Expressions? Very often, the data that we need is not readily accessible or useful. Data preparation and clean-up is often one of the most time-consuming activities in a software automation project. Instead of spending time writing code for all this, you can specify data patterns of interest and let regular expression engine do the work for you. Regular Expression is cross-platform and you can learn the concepts once and use it in multiple programming languages and environment"--Resource description page.

Leverage benefits of machine learning techniques using Python About This Book Improve and optimise machine learning systems using effective strategies. Develop a strategy to deal with a large amount of data. Use of Python code for implementing a range of machine learning algorithms and techniques. Who This Book Is For This title is for data scientist and researchers who are already into the field of data science and want to see machine learning in action and explore its real-world application. Prior knowledge of Python programming and mathematics is must with basic knowledge of machine learning concepts. What You Will Learn Learn to write clean and elegant Python code that will optimize the strength of your algorithms Uncover hidden patterns and structures in data with clustering Improve accuracy and consistency of results using powerful feature engineering techniques Gain practical and theoretical understanding of cutting-edge deep learning algorithms Solve unique tasks by building models Get grips on the machine learning design process In Detail Machine learning and predictive analytics are becoming one of the key strategies for unlocking growth in a challenging contemporary marketplace. It is one of the fastest growing trends in modern computing, and everyone wants to get into the field of machine learning. In order to obtain sufficient recognition in this field, one must be able to understand and design a machine learning system that serves the needs of a project. The idea is to prepare a learning path that will help you to tackle the real-world complexities of modern machine learning with innovative and cutting-edge techniques. Also, it will give you a solid foundation in the machine learning design process, and enable you to build customized machine learning models to solve unique problems. The course begins with getting your Python fundamentals

nailed down. It focuses on answering the right questions that cove a wide range of powerful Python libraries, including scikit-learn Theano and Keras.After getting familiar with Python core concepts, it's time to dive into the field of data science. You will further gain a solid foundation on the machine learning design and also learn to customize models for solving problems. At a later stage, you will get a grip on more advanced techniques and acquire a broad set of powerful skills in the area of feature selection and feature engineering. Style and approach This course includes all the resources that will help you jump into the data science field with Python. The aim is to walk through the elements of Python covering powerful machine learning libraries. This course will explain important machine learning models in a step-by-step manner. Each topic is well explained with real-world applications with detailed guidance.Through this comprehensive guide, you will be able to explore machine learning techniques.

What will you learn from this book? It's no secret the world around you is becoming more connected, more configurable, more programmable, more computational. You can remain a passive participant, or you can learn to code. With Head First Learn to Code you'll learn how to think computationally and how to write code to make your computer, mobile device, or anything with a CPU do things for you. Using the Python programming language, you'll learn step by step the core concepts of programming as well as many fundamental topics from computer science, such as data structures, storage, abstraction, recursion, and modularity. Why does this book look so different? Based on the latest research in cognitive science and learning theory, Head First Learn to Code uses a visually rich format to engage your mind, rather than a text-heavy approach that puts you to sleep. Why waste your time struggling with new concepts? This multi-sensory learning experience is designed for the way your brain really works.

Master the essential skills needed to recognize and solve complex problems with machine learning and deep learning. Using real-world examples that leverage the popular Python machine learning ecosystem, this book is your perfect companion for learning the art and science of machine learning to become a successful practitioner. The concepts, techniques, tools, frameworks, and methodologies used in this book will teach you how to think, design, build, and execute machine learning systems and projects successfully. Practical Machine Learning with Python follows a structured and comprehensive three-tiered approach packed with hands-on examples and code. Part 1 focuses on understanding machine learning concepts and tools. This includes machine learning basics with a broad overview of algorithms, techniques, concepts and applications, followed by a tour of the entire Python machine learning ecosystem. Brief guides for useful machine learning tools, libraries and frameworks are also covered. Part 2 details standard machine learning pipelines, with an emphasis on data processing analysis, feature engineering, and modeling. You will learn how to process, wrangle, summarize and visualize data in its various forms. Feature engineering and selection methodologies will be covered in detail with real-world datasets

followed by model building, tuning, interpretation and deployment. Part 3 explores multiple real-world case studies spanning diverse domains and industries like retail, transportation, movies, music, marketing, computer vision and finance. For each case study, you will learn the application of various machine learning techniques and methods. The hands-on examples will help you become familiar with state-of-the-art machine learning tools and techniques and understand what algorithms are best suited for any problem. Practical Machine Learning with Python will empower you to start solving your own problems with machine learning today! What You'll Learn Execute end-to-end machine learning projects and systems Implement hands-on examples with industry standard, open source, robust machine learning tools and frameworks Review case studies depicting applications of machine learning and deep learning on diverse domains and industries Apply a wide range of machine learning models including regression, classification, and clustering. Understand and apply the latest models and methodologies from deep learning including CNNs, RNNs, LSTMs and transfer learning. Who This Book Is For IT professionals, analysts, developers, data scientists, engineers, graduate students

This book helps you to learn how to program in Python. Several code and scenario samples are provided to accelerate your learning. All scripting samples are written in Python 3.x. The following is highlight topic in this book: * Development Environment * Python Programming Language * Lists, Tuples and Dictionary * Functions * Python Object Oriented * Python Modules and Packages * String operations * File Operations * Error Handling * Building Own Python Module * Concurrency * Encoding * Hashing and Cryptography * Database Programming * Socket Programming * Python Regular Expressions * Python GUI Programming * Python Unit Testing

This book provides the tools for analyzing data in Python: different types of filters are introduced and explained, such as FIR-, IIR- and morphological filters, as well as their application to one- and two-dimensional data. The required mathematics are kept to a minimum, and numerous examples and working Python programs are included for a quick start. The goal of the book is to enable also novice users to choose appropriate methods and to complete real-world tasks such as differentiation, integration, and smoothing of time series, or simple edge detection in images. An introductory section provides help and tips for getting Python installed and configured on your computer. More advanced chapters provide a practical introduction to the Fourier transform and its applications such as sound processing, as well as to the solution of equations of motion with the Laplace transform. A brief excursion into machine learning shows the powerful tools that are available with Python. This book also provides tips for an efficient programming work flow: from the use of a debugger for finding mistakes, code-versioning with git to avoid the loss of working programs, to the construction of graphical user interfaces (GUIs) for the visualization of data. Working, well-documented Python solutions are included for all exercises, and IPython/Jupyter

notebooks provide additional help to get people started and outlooks for the interested reader.

Unlock deeper insights into Machine Leaning with this vital guide to cutting-edge predictive analytics About This Book Leverage Python's most powerful open-source libraries for deep learning, data wrangling, and data visualization Learn effective strategies and best practices to improve and optimize machine learning systems and algorithms Ask – and answer – tough questions of your data with robust statistical models, built for a range of datasets Who This Book Is For If you want to find out how to use Python to start answering critical questions of your data, pick up Python Machine Learning – whether you want to get started from scratch or want to extend your data science knowledge, this is an essential and unmissable resource. What You Will Learn Explore how to use different machine learning models to ask different questions of your data Learn how to build neural networks using Keras and Theano Find out how to write clean and elegant Python code that will optimize the strength of your algorithms Discover how to embed your machine learning model in a web application for increased accessibility Predict continuous target outcomes using regression analysis Uncover hidden patterns and structures in data with clustering Organize data using effective pre-processing techniques Get to grips with sentiment analysis to delve deeper into textual and social media data In Detail Machine learning and predictive analytics are transforming the way businesses and other organizations operate. Being able to understand trends and patterns in complex data is critical to success, becoming one of the key strategies for unlocking growth in a challenging contemporary marketplace. Python can help you deliver key insights into your data – its unique capabilities as a language let you build sophisticated algorithms and statistical models that can reveal new perspectives and answer key questions that are vital for success. Python Machine Learning gives you access to the world of predictive analytics and demonstrates why Python is one of the world's leading data science languages. If you want to ask better questions of data, or need to improve and extend the capabilities of your machine learning systems, this practical data science book is invaluable. Covering a wide range of powerful Python libraries, including scikit-learn, Theano, and Keras, and featuring guidance and tips on everything from sentiment analysis to neural networks, you'll soon be able to answer some of the most important questions facing you and your organization. Style and approach Python Machine Learning connects the fundamental theoretical principles behind machine learning to their practical application in a way that focuses you on asking and answering the right questions. It walks you through the key elements of Python and its powerful machine learning libraries, while demonstrating how to get to grips with a range of statistical models.

The Hitchhiker's Guide to Python takes the journeyman Pythonista to true expertise. More than any other language, Python was created with the philosophy of simplicity and parsimony. Now 25 years old, Python has become

the primary or secondary language (after SQL) for many business users. With popularity comes diversity—and possibly dilution. This guide, collaboratively written by over a hundred members of the Python community, describes best practices currently used by package and application developers. Unlike other books for this audience, The Hitchhiker's Guide is light on reusable code and heavier on design philosophy, directing the reader to excellent sources that already exist.

The field of e-learning continues to experience dramatic andturbulent growth. Over time, as technology has improved and themethod's real capabilities have emerged, e-learning has gainedwidespread acceptance and is now the fastest growing sector ofcorporate learning. As in years past, Michael Allen's Annual offers a diverseand important collection that contains some of the most currentinsights and best practices that will help both educators andworkplace learning leaders address issues of design andimplementation, as well as strategy and culture. In addition, this new volume offers a diverse mix of contentthat spans the full spectrum of technology-based learning. Yearafter year, the Annual discusses emerging trends in social media;showcases e-learning innovation; presents contemporary- andbest-practices; tackles big-picture, strategic issues; and providesa host of useful tips and techniques. Additional content is alsoavailable online. Praise for Michael Allen's 2012 e-LearningAnnual "Michael Allen's Annual really is annual. I found newexamples and provocative ideas—just what I was lookingfor." —Allison Rossett, professor of educational technology, SanDiego State University "Just another academic anthology? Hardly! Michael Allen hasconvinced e-learning's super-heroes to join forces to crushcomplacency, demolish dogma, rewrite rules, streamline strategies,and light a brighter future for e-learning. Warning: Theaccumulated wisdom and original thinking of this elite team ofdesigners, practitioners, consultants, and researchers will leaveyou dissatisfied with your current e-learning efforts and aching toput their ideas into play." —William Horton, author, e-Learning by Design andconsultant, William Horton Consulting "The real learning at conferences takes place in the hallways.This wonderful book is like eavesdropping on those conversations,except that Michael has put the top thinkers in our field in thehall for you." —Jay Cross, chairman, Internet Time Alliance Nabeel Ahmad Clark Aldrich Bobbe Baggio Tony Bingham Julia Bulkowski Bryan Chapman Phil Cowcill Allan Henderson Peter Isackson Cheryl Johnson Cathy King Leslie Kirshaw Tina Kunshier David Metcalf Corinne Miller Craig Montgomerie Frank Nguyen Maria Plakhotnik Tonette Rocco Anita Rosen Patti Shank Clive Shepherd Martyn Sloman Belinda Smith Susan Smith Nash Ken Spero Carla Torgerson Thomas Toth Reuben Tozman Marc Weinstein

Python Regular ExpressionsAchieve "Python" results and accomplish your dreams!Welcome and have fun with Python!Today only, get this Book for just $8.99. Regularly priced at $15.99. Read on your PC, Mac, smart phone, tablet or Kindle device.Learning Python is never easy. It takes practice, time, and then

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Explains how to leverage the revolutionary Raspberry Pi computer in order to learn the versatile Python programming language. Original.

f you are one of them who easily get scared of Python's long, complicated code, then this e-book is for you. Python is a powerful programming language used on various platforms like video streaming and file hosting services. Getting proficient in Python language means you are capable of creating scientific applications, data sciences or machine learning algorithm. The biggest advantage of Python is

that it is a free language, and anyone can change, correct or improve the algorithm. If you want to learn Python real fast, this course can be helpful to you. It extracted some complex concepts of Python and explained them into simple steps. The e-book made Python so simple that you can easily master the Python language even if you have never coded before. The e-book has covered various Python coding concepts like classes, objects, tuples, strings, and so on. The examples are chosen carefully to illustrate all the Python concepts in easy to understand for beginners. The book also links to the additional course, guidance and tutorials for further reference. Even kids can use this e-book as a Python dictionary, where they can quickly learn Python programming concepts. Table Of Content Chapter 1: Install Python Installing Python Installing Pycharm Chapter 2: Creating Your First Python Program Chapter 3: Python Main Function Chapter 4: Variables What is a Variable in Python? How to Declare and use a Variable Re-declare a Variable Concatenate Variables Local & Global Variables Delete a variable Chapter 5: Strings Accessing Values in Strings Various String Operators Some more examples Python String replace() Method Changing upper and lower case strings Using "join" function for the string Reversing String Split Strings Chapter 6: TUPLE Packing and Unpacking Comparing tuples Using tuples as keys in dictionaries Deleting Tuples Slicing of Tuple Built-in functions with Tuple Advantages of tuple over list Chapter 7: Python Dictionary Python Dictionary Methods Python Dictionary in-built Functions Chapter 8: Operators Arithmetic Operators Comparison Operators Python Assignment Operators Logical Operators Membership Operators Identity Operators Operator precedence Chapter 9: Functions How to define and call a function in Python Significance of Indentation (Space) in Python How Function Return Value? Arguments in Functions Chapter 10: IF Statement What is If Statement? How to Use it? What happen when "if condition" does not meet How to use "else condition" When "else condition" does not work How to use "elif" condition How to execute conditional statement with minimal code Nested IF Statement Switch Statement Chapter 11: Loops How to use "While Loop" How to use "For Loop" How to use For Loop for String How to use break statements in For Loop How to use "continue statement" in For Loop How to use "enumerate" function for "For Loop" How to use for loop to repeat the same statement over and again Chapter 12: Class & Objects How to define Python classes How Inheritance works Python Constructors Chapter 13: Regular Expressions Regular Expression Syntax Example of w+ and ^ Expression Example of \s expression in re.split function Using regular expression methods Using re.match() Finding Pattern in Text (re.search()) Using re.findall for text Python Flags Chapter 14: Date, time and datetime classes in Python How to Use Date & DateTime Class Print Date using date.today() Python Current Date and Time: now() today() How to Format Date and Time Output with Strftime() How to use Timedelta Objects Chapter 15: Calendar Chapter 16: Reading and Writing Files in Python How to Create a Text File How to Append Data to a File How to Read a File How to Read a File line by

line File Modes in Python Chapter 17: If File or Directory Exists os.path.exists() os.path.isfile() os.path.isdir() pathlibPath.exists() For Python 3.4 Chapter 18: Python COPY File Chapter 19: Python Rename File Chapter 20: Python ZIP file Chapter 21: Accessing Internet Data with Python How to Open URL using Urllib How to get HTML file form URL in Python Chapter 22: Manipulating XML with Python How to Parse XML using minidom How to Create XML Node How to Parse XML using ElementTree

TAGLINE Learn to be a Python expert in ten easy lessons! DESCRIPTION This book is intended for the professional programmer who wants to learn Python for their place of business, or simply to extend their knowledge. You will learn the basics of the language--from how to define variables and implement looping and conditional constructs, to working with existing code. Once we have established the baseline for writing code in Python, you'll learn how to create your own functions and classes, how to extend existing code, and how to work with Python-specific things like comprehensions and generators. With a solid foundation, you will then move on to learn about the existing Python libraries, called packages, and how to use them, as well as discovering little tips and tricks that will make you a hit with all the programmers at work, and really aid you in nailing that programming interview. KEY FEATURES Acquire knowledge of Python programming simply and easily. Learn about object-oriented programming and how it applies to Python. Make a splash with list comprehensions, generators, and decorators. Learn about file processing with Python, and how it makes JSON easy to deal with. Work with dictionaries and sets quickly and easily. Learn about what others have made available in the Python world. Pick up tricks and tips that will make you look like a Python expert in no time. WHAT WILL YOU LEARN By the time you have finished this book, you will know enough to write complex Python programs and work with existing Python code. You will find out about the packages that make Python one of the most popular programming languages and will understand the "Pythonic" way of thinking and programming. WHO THIS BOOK IS FOR This book is designed for programmers who have experience in at least one programming language. No prior Python experience is necessary, but it is assumed that you understand the basics of loops, conditionals and object-oriented constructs, such as classes. You should have or have access to a system that runs Python 3 (any version). Table of Contents 1. The history and installation of Python 2. Python types and constructs 3. The Nuts and Bolts 4. Structuring your Python projects 5. Object-oriented programming with Python 6. Advanced manipulations 7. File input and output 8. Imports and Exports 9. Miscellaneous 10. Not re-inventing the wheel 11. Tips and Tricks

A short and straight to the point guide that explains the implementation of Regular Expressions in Python. This book is aimed at Python developers who want to learn how to leverage Regular Expressions in Python. Basic knowledge of Python is required for a better understanding.

Python is a powerful yet very simple programming language. This book covers topics

such as text processing, network administration, building GUI, web-scraping as well as database administration including data analytics & reporting.

Computer HackingSale price. You will save 66% with this offer. Please hurry up!Computer Hacking and Python. Hacking for dummies and Python ProgrammingComputer HackingThe Essential Hacking Guide for BeginnersHave you ever wanted to learn more about hacking? Have you wanted to understand the secrets of the hacking community, or understand some of the key techniques used by hackers? Have you wondered about the motivations of hackers, or been intrigued by how people are still targeted by hackers despite the increasing availability of computer security software? If so, then this book is right for you!Hacking is more than simply a pastime for those who are interested in technology, and more than simply an illegal activity used for personal gain and with malicious intent, although both of these motivations do make up much of hacking activity. This book provides an introduction to the key concepts, techniques and challenges of hacking and includes the following topics: What is hacking Hacking and the influence of cyberpunk The different types of hackers The role of computer security Hacking techniques PythonLearn Python FAST The Ultimate Crash Course to Learning the Basics of the Python Programming Language In No Time Have you heard of the programming language Python?Would you like to learn more about this Englishbased programming language so that you can write programs that work?Then you want to scroll up and grab a copy of this eBook!Programming in Python is actually very simple when it comes down to it. If you have a grasp of the English language, then you're able to understand Python! In fact, that was the main point of coming up with this programming language back in the 1980's. The developer who founded this language wanted to create one that just about anyone could use and understand, and they succeeded! Python is a simple programming language that uses the English language and a rigid system of organizing code to help developers write code just about anyone can understand.In this book, you'll learn the basics about: Setting up Python Variables Interpreter Importance of Comments Python Docstrings Keywords in Python Booleans, True or False in Python Python Operators Using Math in Python Exception Handling in Python Strings BuiltIn Methods Lists How To Use Dictionaries In Python And much more! Download your copy of "Computer Hacking" by scrolling up and clicking "Buy Now With 1 Click" button. Tags: hacking, how to hack, hacking exposed, hacking system, hacking 101, hacking for dummies, Hacking Guide, Hacking Essentials, Computer Bugs, Security Breach, internet skills, hacking techniques, Hacking, hacking for dummies, hacking books, hacking guide, how to hack, hacking free guide, What is Python, How to Install Python Programming, Variables and Types, Lists, Basic Operators, String Formatting, Conditions, Loops, Functions, Classes and Objects, Generators, Regular Expressions, Comprehension lists, Functions of multiple arguments, Exception Handling, Sets, Serialization, Partial functions, Code introspection, Python Programming for Beginners: An Introduction to the Python Computer Language and Computer Programming (Python, Python 3, Python Tutorial, Python, Python course, Python book, learning Python, Python language, Python examples, Python tutorials, Python programming language, Python coding, Python programming for beginners, Python for Dummies, Python, Python Regular Expressions course, Python Regular Expressions book.

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TAGLINE Master python programming language in easy steps DESCRIPTION It is said that learning Python is easy, but if a learner did not get the right path, then things can get complicated. This book is designed in such a way that you start from basics, followed by advance levels and then move on to some industry-related modules. The initial chapters are written in a simple manner; some chapters are of advance level. Start from the data structure of Python, such as string, list, tuple, and dictionary. The

function and module chapter will let you know how to organize a large code. The built-in functions and modules like collections will give you greater flexibility to write efficient codes. The "time" chapter is very important when we deal with time-related things. The mid-chapter contains the advance chapters such as regular expressions, interaction with OS, and multithreading. These chapters are helpful when we want to search the pattern, run the OS commands, and execute the program in parallel. The last chapters are specially designed from an industry point of view. In order to ensure a high quality of code, we use config-parser to avoid hard-coding and logger to log the events. In the multiprocessing and subprocess chapter, you will learn creation, execution, and communication between the processes. KEY FEATURES Start from basics of Python Control statement, loop structure, break, continue, and pass statement Detailed description of Python data types: string, tuple, list, and dictionary with the help of example Organizing code using function, modules, and packages Saving text and complex data in text, pickle, and JSON files Learn the use of time and time zones Parallel execution with the help of threading, multiprocessing, and subprocessing Helpful modules for industry WHAT WILL YOU LEARN Python for developers is created by taking beginner and intermediate programmers. The book starts from scratch and takes you to the advanced level. After learning advance levels, you will learn parallel programming using multithreading, multiprocessing, and sub-processing. The book will provide information on modules which will be helpful form industry perspective. The book also contains the question for the preparation of the interview. You will also learn the difference between Python 2.7 and Python 3.7. Some of the chapters include an advance part, which will give an in-depth knowledge of the chapters. WHO THIS BOOK IS FOR This book is for whoever wants to learn Python and aspires to become a developer or work on projects. Beginners can read this book easily; however, a little knowledge about the programming concepts would be helpful. Basic knowledge of computers would suffice. Table of Contents 1. Introduction to Python 2. Python Operators 3. Control statements and loop 4. Strings 5. List and tuple 6. Dictionary and sets 7. Functions 8. Modules 9. Exception handling 10. File handling 11. Collection 12. Random modules and built-in function 13. Time 14. Regular expression 15. Operating system interfaces 16. Class 17. Threads 18. Queue 19. Multiprocessing and Subprocess 20. Useful Modules

Are you looking for an easy to follow guide for learning Python programming for Machine Learning?In this book Marvin Dale is going to teach you the basics and some advanced tricks for learning Python and machine learning. "Machine learning is the future". You have surely heard that sentence, from the news or from a friend. You also have probably nodded or even strongly acknowledge that as a truth. But what do you really know about machine learning? If you are interested in knowing more on this topic, if you are a programmer and you are willing to learn how to use Python and if you want to discover how practically execute the "machine learning" everybody talks about, this book is for you. Python is one of the most flexible programming languages nowadays and the reason behind its success lies in very simple commands and extremely practical application in many use cases in the real world. In this book you will learn: Basics of Python: how to code, elegantly and incisively, using Python programming language Differences between Phyton and other programming languages as Java and C++ and PHP Python's regular expressions, statements and loops Python functions

and libraries Python for data science Python for machine learning Python for artificial intelligence After this easy Python guide, you will bee able to get started with coding and develop basic test project for the results you want to achieve. Scroll up, click on buy it now, and get your copy today!

Learning programming language has not become quite easy with this book. All it requires is time and desire to learn. Now you can learn python programming language by sitting at your home only. You don't need to go to any institution and don't need to pay high fees, month to month. This book is going to teach you the basics of Python in a proper way. In this guide you will basics and fundamentals of python. Also there are few programs given at the end of the book. You can try to run those programs and can also create your own. This book will allow you to practice, learn and deepen your knowledge of Python programming language. Here Is What You'll Learn from This Book Python features Python versions Python installation Running python Python basic syntax Python identifiers Lines and indentation Quotation in python Using blank lines Waiting for the user References Python date & time Python data types Comments in python Python operators Variables and assignment Python numbers Python strings Python lists Python tuples Python dictionary Code blocks use indentation Python loops Python functions Python exceptions Python classes Python regular expressions Python modules Python sets Python implementations Python compilers & numerical accelerators Python instances Python database access Python packages Python network programming Python multithreading and queues Multithreaded priority queue Python programs

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Learning Python for Forensics, Second Edition begins by introducing you to the fundamentals of Python. You will learn how to develop Python scripts through an

iterative design. This book will also help you strengthen your analysis skills and efficiency as you creatively solve real-world problems through instruction-based tutorials.

Tiny Python Projects takes you from amateur to Pythonista as you create 22 bitesize programs. Each tiny project teaches you a new programming concept, from the basics of lists and strings right through to regular expressions and randomness. Summary A long journey is really a lot of little steps. The same is true when you're learning Python, so you may as well have some fun along the way! Written in a lighthearted style with entertaining exercises that build powerful skills, Tiny Python Projects takes you from amateur to Pythonista as you create 22 bitesize programs. Each tiny project teaches you a new programming concept, from the basics of lists and strings right through to regular expressions and randomness. Along the way you'll also discover how testing can make you a better programmer in any language. About the technology Who says learning to program has to be boring? The 21 activities in this book teach Python fundamentals through puzzles and games. Not only will you be entertained with every exercise, but you'll learn about text manipulation, basic algorithms, and lists and dictionaries as you go. It's the ideal way for any Python newbie to gain confidence and experience. About the book The projects are tiny, but the rewards are big: each chapter in Tiny Python Projects challenges you with a new Python program, including a password creator, a word rhymer, and a Shakespearean insult generator. As you complete these entertaining exercises, you'll graduate from a Python beginner to a confident programmer—and you'll have a good time doing it! What's inside Write command-line Python programs Manipulate Python data structures Use and control randomness Write and run tests for programs and functions Download testing suites for each project About the reader For readers with beginner programming skills. About the author Ken Youens-Clark is a Senior Scientific Programmer at the University of Arizona. He has an MS in Biosystems Engineering and has been programming for over 20 years. Table of Contents 1 How to write and test a Python program 2 The crow's nest: Working with strings 3 Going on a picnic: Working with lists 4 Jump the Five: Working with dictionaries 5 Howler: Working with files and STDOUT 6 Words count: Reading files and STDIN, iterating lists, formatting strings 7 Gashlycrumb: Looking items up in a dictionary 8 Apples and Bananas: Find and replace 9 Dial-a-Curse: Generating random insults from lists of words 10 Telephone: Randomly mutating strings 11 Bottles of Beer Song: Writing and testing functions 12 Ransom: Randomly capitalizing text 13 Twelve Days of Christmas: Algorithm design 14 Rhymer: Using regular expressions to create rhyming words 15 The Kentucky Friar: More regular expressions 16 The Scrambler: Randomly reordering the middles of words 17 Mad Libs: Using regular expressions 18 Gematria: Numeric encoding of text using ASCII values 19 Workout of the Day: Parsing CSV files, creating text table output 20 Password strength: Generating a secure and memorable password 21 Tic-Tac-Toe: Exploring state 22 Tic-Tac-Toe redux: An

interactive version with type hints

You?re already a smart person, you don?t need a 1000+ page book to get you started on the web?s fastest growing programming platform. Instead,ÿLearn Python in One Hourÿdelivers on the promise of code literacy while saving your most precious commodity ? time itself. Volkman?s innovative programming-by-example approach means you focus on usage, not mindless detail. Based on the author?s sold-out live seminars, you?ll see Python?s flexible coding technique in action as we refactor from script to procedural to object-oriented during actual problem solving. In a twelve-lesson progression, you?ll be exposed to this and more:

Basic file input and output operations, incuding exceptions
Using functions to compute and returnÿ multiple values
Basic elements of a class definition and how to call methods
Lists, dictionaries, sets, and other collections
Iteration through collections, files, sorted sets
Searching strings with regular expressions (regex)
Client and server programs forÿREST methods
Using threadsÿin Python for multiple tasks
CGI-BIN programmingÿfor simple HTML Forms processing
Six most common Python pitfalls Take the One Hour challenge and see if you too can pick up 90% of syntax and semantics in less time than you probably spend commuting each day. About the AuthorÿVictor R. Volkman graduatedÿcum laudeÿfrom Michigan Technological University with a BS in Computer Science in 1986. Since then, he has written for numerous publications, includingÿThe C Gazette, C++ Users Journal, Windows Developers Journal,ÿand many others. He has taught college-level programming courses at Washtenaw Community College and has served on its Computer Information Science (CIS) Faculty Advisory Board for more than a decade. Volkman says Python helped him "rediscover the joy of programming again." www.volkman.org FromÿModern Software Press

Build a website with Django 3 is the fourth edition of my popular Django beginners book, fully updated for Django 3 Not only has the book been updated to cover the latest version of Django, but I've added install instructions for macOS users. Your complete introduction to Django 3 Build a website with Django 3 covers all the core concepts of Django to get you up and running fast: - Why Django is the premier Python framework for developing web applications - The big picture - how Django is structured - Django Models - Django Views - Django Templates - The Django admin - Generic views - Simple forms - Complex forms and model forms - Managing Users - Restricted content - File uploads - Sending email - Deploying a Django application Build a real website This book is not about boring theory. You'll be building a fully functioning website as you learn Django. I even show you how to deploy your website to the Internet for free. This book is designed for absolute beginners with elementary knowledge of

Python language. Regular Expressions are considered as a tough topic and usually they are not covered in syllabus in much detail. Mostly, a chapter is given on this topic in books. But here, a complete book is dedicated. This book covers Regular Expression in detail with plenty of examples covering password validation, email ID validation, string manipulations etc. and their step by step analysis. The examples are presented in such a way that one can feel like coding only by reading the codes itself. The book is written in a way to give stress free environment.

PythonSale price. You will save 66% with this offer. Please hurry up!Learn Python FAST - The Ultimate Crash Course to Learning the Basics of the Python Programming Language In No Time Have you heard of the programming language Python?Would you like to learn more about this English-based programming language so that you can write programs that work?Then you want to scroll up and grab a copy of this eBook!Programming in Python is actually very simple when it comes down to it. If you have a grasp of the English language, then you're able to understand Python! In fact, that was the main point of coming up with this programming language back in the 1980's. The developer who founded this language wanted to create one that just about anyone could use and understand, and they succeeded! Python is a simple programming language that uses the English language and a rigid system of organizing code to help developers write code just about anyone can understand.In this book, you'll learn the basics about: Setting up Python Variables Interpreter Importance of Comments Python Docstrings Keywords in Python Booleans, True or False in Python Python Operators Using Math in Python Exception Handling in Python Strings Built-In Methods Lists How To Use Dictionaries In Python And much more! Download your copy of "Python" by scrolling up and clicking "Buy Now With 1-Click" button. Tags: What is Python, How to Install Python Programming, Variables and Types, Lists, Basic Operators, String Formatting, Conditions, Loops, Functions, Classes and Objects, Generators, Regular Expressions, Comprehension lists, Functions of multiple arguments, Exception Handling, Sets, Serialization, Partial functions, Code introspection, Python Programming for Beginners: An Introduction to the Python Computer Language and Computer Programming (Python, Python 3, Python Tutorial, Python, Python course, Python book, learning Python, Python language, Python examples, Python tutorials, Python programming language, Python coding, Python programming for beginners, Python for Dummies, Python, Python Regular Expressions course, Python Regular Expressions book, Python Regular Expressions book-course Eager to learn Python Programming Quickly? This book has actionable information that will help you to understand python at an advanced level. Welcome to the final issue of our Python programming book series. This book is the advanced edition that you have been building up to as you went through the exercises in the last two books. This third issue of the book is even more comprehensive than the previous editions but equally educative and illuminating.

Here's what we will talk about in this book: ? File management ? Python Iterator ? Python Generator ? Regular Expressions ? Python Closure ? Python Property ? Python Assert, and ? Simple recap projects

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