

Python Programming For Beginners A Step By Step Guide To Learning The Basics Of Computer Programming And Python Computer Language Computer Programming Python Language

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Python for Beginners - Denny Novikov
2020-10-18

Do you want to stop worrying about writing your own codes to create a strong program? Are you feeling overwhelmed about spending hours over a book and just getting confused again and again? If you want to learn the easiest way to deal with Python programming language, then keep reading... Every day, lots of programmers ask themselves how they can learn to understand coding and programming in a better way. This guidebook is going to look at the Python coding language and to all the things that you are able to do with this along the way. I will explain all the technical basics starting from procedural programming, using functions, to object-oriented programming including features such as single and multiple inheritances, operator overloading and much more. In this book, you will learn: - Indentation - Procedural programming - Variables, Strings, Numbers, Logical Operators - Tuple, List, Set, Dictionary - Conditional Instructions - Functions in Python -

Object-Oriented Programming - Objects, Classes - And Much more... This is a beginner's guide so I am going to cover all the basics you need to get started with Python programming. If you are already experienced in Python coding this guidebook will help you to review all the basics in a best and specific technical way! Python is widely seen by industry experts as a great first programming language when learning to code. There are a variety of jobs that one can get focusing exclusively on Python development. Do you want to be a part of the Python programmers community? If so, get started today scroll to the top, and click "BUY NOW" **Python Programming For Beginners In 2020** - James Tudor 2020-03-26

Learn Python Programming - Phil J Hack
2019-11-14

Have you been thinking about learning Python Programming for long time? STOP wasting time!! Keep reading and learn more.. If you came across this book I am sure you know the

incredible impact Python Programming has these days. Python is a simplistic language, however, without something to guide you through the fundamental concepts of programming, you can easily learn everything the wrong way and someday anger all of your programmer friends. With the help of this Python Programming, you will take the very first step in exploring programming in general, as well as the capabilities of Python. In this book you will learn all the core concepts, one step at a time and this is the same approach you should take when practicing. You will learn new operations you can perform on the various data types and data structures, and then work to get used to relying more and more on object-oriented programming techniques. Use this knowledge to pursue machine learning projects, create robots, or build the next big web application that will take over the world. More specifically this guide will take you through: Specific Python Basic Syntax Rules, Variables and Values The Theory of Computer Programming Working With Your Objects And Classes Inside Of Python How to Use Your Python Skills Working with the K-Nearest Neighbors Algorithm Making a Basic Python Game: Hangman Machine Learning Models Tips For Success Practical exercises to text your skills...and MUCH MORE!! Even if you aren't an expert, you don't need any kind of special talent to become a programmer, or even a data scientist. All you need to do is understand the theory and then put it in application. If you can't grasp it at first, break it down and study it line by line. Squeeze the knowledge out of Python and apply it in the real world! Scroll to the top and select on the right the BUY NOW with 1-Clickbutton.

Python Programming Illustrated for Beginners & Intermediates - William Sullivan
2018-06-07

Python is a general purpose programming used by many start-ups. Its design emphasizes code readability, notably using significant whitespace. Did you know Mozilla Firefox, PBS, Reddit, and even NASA! All use Python programming for their websites? Providing constructs whether small or large scale Python is versatile and can be used in a variety of ways.

Python Programming For Beginners In 2021 -

James Tudor 2020-12-15

If You Want To Learn Python Programming In As Little As 5 Days - And Have Fun Doing It, Read On... How many times have you thought about learning how to code but got discouraged because you had no technical background, didn't have the time to learn, or you just didn't think you were smart enough to have a crack at it? Well, we have good news for you. You Don't Need An Expensive Computer Science Degree, A 500 Page Textbook or A Genius Mind To Learn The Basics Of Python Programming! 5 times #1 Amazon bestselling author, James Tudor, provides a concise, step-by-step guide to Python programming for beginners. A lot of examples, illustrations, end of chapter summary and practice exercises (with solutions) are provided to help the reader learn faster, remember longer and develop a thorough understanding of key concepts. In This Book, you'll discover: A concise. Simple. Newby friendly style of teaching that lends itself well to beginners Chapters that have been sliced into bite-size chunks to give you the information you need (at that point in time) so you're not overwhelmed. Lots of simple, step-by-step examples and illustrations are used to emphasis key concepts and help improve your understanding Each practice exercise builds on concepts discussed in previous chapters so your learning is reinforced as you progress. Topics are carefully selected to give you a broad exposure to Python, while not overwhelming you with too much (potentially unnecessary) information. An end of chapter summary is presented to give you key take aways that help you solidify your understanding A detailed step-by-step answer section that summarizes all the solution to the practice exercises presented in this book. **NOTE**: Because this book is enrolled in Kindle Matchbook, Amazon will make the kindle edition of this book available to you for FREE when you purchase the paperback version today (Offer is only available to Amazon USA Customers) You no longer have to waste your time and money trying to learn Python from expensive online courses, college degrees or unnecessarily long textbooks that leave you thousands of dollars in debt, more confused and frustrated. If you're ready to learn the basics of python programming 5 days from TODAY, grab a copy of this book today! Scroll to the top of the

page and click the "BUY NOW" button!

Python for Beginners - Programming Languages ACADEMY 2020-01-02

Would you like to start programming with Python from scratch? This is definitely the easiest way you can find! What are you waiting for, keep reading! This boxset includes: Python Programming for Beginners: The Ultimate Beginner's Guide to Learning the Basics of Python in a Great Crash Course Full of Notions, Tips and Tricks Have you always wanted to learn how to program? Have you always thought it was too difficult? Or did you think you didn't have enough basic skills? If so, keep reading... The PROGRAMMING LANGUAGES ACADEMY has created a targeted learning path within the reach of anyone who wants to start programming without having the appropriate skills. What you will find in this book is a real step by step path that will take you from 0 to 100 in a few days!!! Once you start reading you will appreciate a simple, clear and essential guide. The chapters are short and will deliver new information gradually, so that you are not overwhelmed by too many notions all together. Illustrations, examples and step-by-step guides in each chapter allow you not to make mistakes but above all not to cause confusion. You no longer have to waste time and money trying to learn Python from expensive online courses or from incredibly long textbooks that leave you just more confused and frustrated. Python Workbook: Learn How to Quickly and Effectively Program with Exercises, Projects, and Solutions Do you want to learn one of the most in-demand programming languages of today and start an exciting career in data science, web development, or another field of your choice? Learn Python! Python is easy to read because the code looks a lot like regular English, but don't let this simplicity deceive you: it's one of the most powerful and versatile programming languages out there! In fact, it powers many of your favorite websites and services, including Instagram, Spotify, and even Google! This book takes you on a practical journey through the amazing features of Python. Unlike books that focus on theoretical concepts only, this book will show you how Python is actually used - and encourage you to get creative! Here's what you'll find in this book: Practical programming

exercises that will help you apply programming concepts to real-life situations Debugging exercises that will teach you to notice errors in Python code quickly Fun projects that will really test your knowledge and motivate you to practice even more Valuable tips for mastering Python quickly An answer key to check if you were right Learning the basics of any programming language may seem a bit boring at first, but once you've written your first program that really does something - even if it's just printing text on the screen - your excitement and motivation will become unstoppable and you'll yearn for more and more programming challenges that will hone your skills! This book is a perfect companion for any beginning Python programmer. If you've tried learning Python before but got discouraged by too much theory... this book is guaranteed to rekindle your interest in Python programming! If you're ready to learn the basics of python programming 7 DAYS FROM TODAY, get a copy of this book today! Are you ready to start writing Python apps that really work? Scroll up, cli

[Python Machine Learning](#) - Brady Ellison Ready to discover the Machine Learning world? Machine learning paves the path into the future and it's powered by Python. All industries can benefit from machine learning and artificial intelligence whether we're talking about private businesses, healthcare, infrastructure, banking, or social media. What exactly does it do for us and what does a machine learning specialist do? Machine learning professionals create and implement special algorithms that can learn from existing data to make an accurate prediction on new never before seen data. Python Machine Learning presents you a step-by-step guide on how to create machine learning models that lead to valuable results. The book focuses on machine learning theory as much as practical examples. You will learn how to analyse data, use visualization methods, implement regression and classification models, and how to harness the power of neural networks. By purchasing this book, your machine learning journey becomes a lot easier. While a minimal level of Python programming is recommended, the algorithms and techniques are explained in such a way that you don't need to be intimidated by mathematics. The Topics Covered Include:

Machine learning fundamentals How to set up the development environment How to use Python libraries and modules like Scikit-learn, TensorFlow, Matplotlib, and NumPy How to explore data How to solve regression and classification problems Decision trees k-means clustering Feed-forward and recurrent neural networks Get your copy now

Python: Programming - iCode Academy
2017-04-25

Are You Ready To Learn Python Easily? Learning Python Programming in 7 days is possible, although it might not look like it's easy at first, especially if you are someone with meager experience in dealing with a programming language. As you learn, you will see that it is not that difficult to understand, and it becomes easier when you add patience, diligence, and discipline. This book has all the materials that you need in learning basic Python Programming. It is presented in easy to understand format - much of technical jargons were eliminated, although you might still find some, but they are the terms that you will likely (almost always) encounter when creating your codes. You will find no such trouble in understanding the terms, and how to do it properly. Samples are provided for you, and explanations are also presented so you won't get lost and still have fun while learning. You will be glad that you have this book with you while learning Python. Discover many things that you can do with Python programming, and you might even start a new career. Here's What You'll Learn From This Python For Beginners Book: □ Introduction □ Chapter 1: Welcome to the World of the Python □ Chapter 2: Python Syntax □ Chapter 3: Important Strings and Console Output □ Chapter 4: The Conditionals and Control Flow □ Chapter 5: Understanding Lists, Tuples, and Dictionaries □ Chapter 6: The Loops □ Chapter 7: Understanding the Functions □ Chapter 8: Coding a Full Program □ Chapter 9: Reserved Words and Functions □ and much more What Are You Waiting For? Start Coding Python Right Now!

PYTHON PROGRAMMING for Beginners - Julian James McKinnon 2021-03-25

-- 55% OFF for Bookstores! -- Python was designed in the early 1980s. Initially, Python did not make its mark in the industry as intended

due to the absence of adequate marketing. It also had some inbuilt problems relating to the key idea, which worked as an obstacle in its successful route. With renovation by Google within the twentieth century, improvements were seen in Python, as some needed modifications were made in its set-up and settings. As a consequence, it has acquired authority and efficiency within itself. Google altered the language's key logic and also removed all of the library's repeated modules and techniques to make it smoother and lighter. Its efficiency has now improved more than three times than before. Therefore, it becomes one of the industry's most powerful languages, gaining tremendous popularity among developers and tech experts over the past decade, turning out to be a gem in the IT industry. Today, many programming languages exist. Some are being used, and some are now deemed outdated. The programming situation has altered dramatically over the past few years as designers and programmers are looking for more universal and accessible languages, and this is why the language of Python has lately become so popular. The Python community is increasing day by day, as many programmers find it one of the most user-friendly programming languages. Python's development today involves different individuals with a broad spectrum of backgrounds, ages, and instructional levels. Whether you're a student, a computer designer, a housewife, or a retiree, you can be a part of the process. There are always some thorough guidelines to make your introduction to the subject easier and more sustainable to ensure your success. Much guidance can be found on the Internet. If you are starting with programming and have no knowledge about computers and programming, this book is written for you. You will find initial chapters easier to understand, and as you progress to later chapters, you will have better skills, and we will cover more advanced topics. This book is written in one flow, and it's better not to skip any topic, let alone an entire chapter. This book gives a comprehensive guide on the following: The basic background of Python Data types in Python Operators - the types and their uses Loops and functions Exception handling Variable scope and lifetime in python functions Modules

Working with files Object-oriented programming
Real-world examples of Python Getting started;
python tips and tricks Common programming
challenges ...AND MORE!!! What are you
waiting for?

Learning Python - Mark Lutz 2013-06-12

Get a comprehensive, in-depth introduction to the core Python language with this hands-on book. Based on author Mark Lutz's popular training course, this updated fifth edition will help you quickly write efficient, high-quality code with Python. It's an ideal way to begin, whether you're new to programming or a professional developer versed in other languages. Complete with quizzes, exercises, and helpful illustrations, this easy-to-follow, self-paced tutorial gets you started with both Python 2.7 and 3.3— the latest releases in the 3.X and 2.X lines—plus all other releases in common use today. You'll also learn some advanced language features that recently have become more common in Python code. Explore Python's major built-in object types such as numbers, lists, and dictionaries Create and process objects with Python statements, and learn Python's general syntax model Use functions to avoid code redundancy and package code for reuse Organize statements, functions, and other tools into larger components with modules Dive into classes: Python's object-oriented programming tool for structuring code Write large programs with Python's exception-handling model and development tools Learn advanced Python tools, including decorators, descriptors, metaclasses, and Unicode processing

Head First Python - Paul Barry 2016-11-21

Want to learn the Python language without slogging your way through how-to manuals? With Head First Python, you'll quickly grasp Python's fundamentals, working with the built-in data structures and functions. Then you'll move on to building your very own webapp, exploring database management, exception handling, and data wrangling. If you're intrigued by what you can do with context managers, decorators, comprehensions, and generators, it's all here. This second edition is a complete learning experience that will help you become a bonafide Python programmer in no time. Why does this book look so different? Based on the latest research in cognitive science and learning

theory, Head First Python 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.

Python Programming for Beginners - White Belt Mastery 2020-06-27

The book you were waiting for to learn how to program with Python ! ☐ 100% Beginners centered Introduction to Python Variables, Math expressions User input and conditional statements Comments, lists, tuple Dictionary, Loop, Changing case Functions, classes Data files, modules CSV files, JSON files Exceptions handling So don't wait any longer and get this comprehensive guide to Python now !

Python Programming For Beginners - James Tudor 2019-08-17

This Book Will Help You Learn Python Programming In 5 Days - Even If You're A Complete Beginner With No Clue!

Python Programming For Beginners - James Tudor 2019-06-21

Programming Doesn't Have To Be Difficult. If You Want To Get Started With Python Programming, Read On.. How many times have you thought about learning how to code but got discouraged because you had no technical background, didn't have the time to learn, or you just didn't think you were smart enough? Would you like to learn the basics of python programming even if you are a complete novice? If so, this book can help you. Technology Entrepreneur, James Tudor, provides a concise, step-by-step guide to Python programming for beginners. A lot of examples, illustrations, end of chapter summary and practice exercises (with solutions) are provided to help the reader learn faster, remember longer and develop a thorough understanding of key concepts. In This Book, you'll discover: A concise. Simple. Newby friendly style of teaching that lends itself well to beginners Chapters that have been sliced into bite-size chunks to give you the information you need (at that point in time) so you're not overwhelmed. Lots of simple, step-by-step examples and illustrations are used to emphasize key concepts and help improve your understanding Each practice exercise builds on concepts discussed in previous chapters so your

learning is reinforced as you progress. Topics are carefully selected to give you a broad exposure to Python, while not overwhelming you with too much (potentially unnecessary) information. An end of chapter summary is presented to give you key take aways that help you solidify your understanding. Some of the topics covered include: How to get started - what you need and where to get it (Chapter 1) How a computer functions and what a computer program is (Chapter 2) Simple data types that are available to you and how to manipulate them (Chapter 3) ...and much, much more! Please be aware, this book is only an extended preview of the paid version *Python For Beginners: Learn Python In 5 Days With Step-by-Step Guidance And Hands-On Exercises*. The intention with this free version is to give you the opportunity to see the authors teaching style and the quality of the material covered. Should you wish to upgrade to the paid version, five more in-depth chapters on conditions and loops, functions and modules etc are covered. In addition, a solution booklet (for the chapter exercises) is provided.

Learn Python in One Day and Learn It Well - Jamie Chan 2015-01-07

Master Python Programming with a unique Hands-On Project Have you always wanted to learn computer programming but are afraid it'll be too difficult for you? Or perhaps you know other programming languages but are interested in learning the Python language fast? This book is for you. You no longer have to waste your time and money learning Python from lengthy books, expensive online courses or complicated Python tutorials. What this book offers... Python for Beginners Complex concepts are broken down into simple steps to ensure that you can easily master the Python language even if you have never coded before. Carefully Chosen Python Examples Examples are carefully chosen to illustrate all concepts. In addition, the output for all examples are provided immediately so you do not have to wait till you have access to your computer to test the examples. Learn The Python Programming Language Fast Concepts are presented in a "to-the-point" style to cater to the busy individual. With this book, you can learn Python in just one day and start coding immediately. How is this book different... The best way to learn Python is by doing. This book

includes a complete project at the end of the book that requires the application of all the concepts taught previously. Working through the project will not only give you an immense sense of achievement, it'll also help you retain the knowledge and master the language. Are you ready to dip your toes into the exciting world of Python coding? This book is for you. Click the "Add to Cart" button to buy it now. What you'll learn: 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 .. and more... Finally, you'll be guided through a hands-on project that requires the application of all the topics covered. Click the "Add to Cart" button now to start learning Python. Learn it fast and learn it well.

Python Programming for Beginners - Anderson Coen 2020-06

Python Programming for Beginners When learning a new ability could be like a joke That's true, particularly when the subject seems so huge. You will find a lot of information accessible that you cannot even decide where to begin. Worse, you begin down the path of learning and find out a lot of nuances, commands, and concepts, which are not discussed. This type of experience is very puzzling, leaving you more concerns than solutions. Python Programming for Beginners does not make any hopes regarding your expertise or knowledge of computer programming or Python. In fact, you don't need any prior knowledge to gain from this book. You will be efficiently guided step by step using a systematic and logical approach. As new jargon, commands, and concepts are encountered, you can rest assured that they are explained in basic and simple language. That makes it simple for anyone to comprehend. Here is what you learn by reading *Python Programming for Beginners: The Language of Computers Coding Programming and Algorithms Hands-on Python*

Codes are Forever Further Python Building a Software Learning Mathematic If you are one of those people who are new to programming with Python and currently seeking a solid introduction, this is the ideal book for you. Allow this book to help you get the necessary skills you need for basic Python programming applications and learn how such skills could be put to utilize in real-world cases. Throughout the book, you will be able to find code samples showing the concepts provided. By the time you complete reading the book, you will be well versed in the topic and be able to use the basic programming principles you have understood to the next programming language you deal with. So what are you waiting for? Make sure you buy this book today and see it for yourself! Well, stress no more! Buy this book and also learn all... and **DOWNLOAD IT NOW!**

Learn Python Programming for Beginners - Flynn Fisher 2020-10-18

Programming can be hard if you don't have a precise step-by-step guide. Luckily, inside this book, you will find all the building blocks needed to start your Python programming journey.

Python Programming for Beginners - Jason Cannon 2014-09-01

Python Programming for Beginners doesn't make any assumptions about your background or knowledge of Python or computer programming. You need no prior knowledge to benefit from this book. You will be guided step by step using a logical and systematic approach. As new concepts, commands, or jargon are encountered they are explained in plain language, making it easy for anyone to understand.--Publisher's description.

Python Tutorial - Guido Rossum 2018-06-19

Python is an easy to learn, powerful programming language. It has efficient high-level data structures and a simple but effective approach to object-oriented programming. Python's elegant syntax and dynamic typing, together with its interpreted nature, make it an ideal language for scripting and rapid application development in many areas on most platforms. The Python interpreter and the extensive standard library are freely available in source or binary form for all major platforms from the Python Web site, <https://www.python.org/>, and may be freely

distributed. The same site also contains distributions of and pointers to many free third party Python modules, programs and tools, and additional documentation. The Python interpreter is easily extended with new functions and data types implemented in C or C++ (or other languages callable from C). Python is also suitable as an extension language for customizable applications. This tutorial introduces the reader informally to the basic concepts and features of the python language and system. It helps to have a Python interpreter handy for hands-on experience, but all examples are self contained, so the tutorial can be read off-line as well. For a description of standard objects and modules, see [library-index](#). [reference-index](#) gives a more formal definition of the language. To write extensions in C or C++, read [extending-index](#) and [c-api-index](#). There are also several books covering Python in depth. This tutorial does not attempt to be comprehensive and cover every single feature, or even every commonly used feature. Instead, it introduces many of Python's most noteworthy features, and will give you a good idea of the language's flavor and style. After reading it, you will be able to read and write Python modules and programs, and you will be ready to learn more about the various Python library modules described in [library-index](#). The Glossary is also worth going through.

Python Programming - Leonard Eddison 2018-05-20

Python Programming: A Step By Step Guide For BeginnersSECOND EDITION Chances are, if you are viewing this page, you are brand new to Python. You might even be new to Programming altogether. Either way, you have come to the right place and chosen the right language.

Python is a very beginner friendly Programming Language perfect for people who are new to the Programming world due to its straightforward approach and syntax. This book has been written keeping the beginner user in mind. Through the reading of this guide you will be led into the Programming world with a very easy Step-by-Step process. Frequently Asked Questions: Q: Is this book for beginners? If yes, can I find also some materials for the intermediate user? A: This book is though for a beginner user, it starts from "how to download and install Python on

your PC" to "how to create your first string of code." It contains also chapters (in the second part of the book) intermediate friendly due to the fact that it contains a deepening on "modules, strings, dictionaries" and so on... Q: I have seen that this is the second edition, should I buy the first one instead? A: No, it's not a series, this is an updated version with more codes and an easy step-by-step guide on how to start Programming in Python 3. Q: Can I loan this ebook? A: Yes for sure, you can lend this ebook for a duration of 14 days. Q: Will I be able to program with Python after reading this book? A: Yes, this book is perfect for the user that wants to start coding with Python. Unfortunately, as soon as you will get more experienced you won't need to read books but more advanced materials such as courses and exercises, a lot of exercises... Q: Does this book contains codes examples? A: Yes, a lot of them Please note that this book will focus a lot on exercises and codes allowing the reader to learn Python as fast as possible in a practical manner. here some points covered by this book: -How to install Python (Windows, Mac, Linux...) -Modules -Types of data (tuple, lists, sets and so on...) - Python Syntax and much more inside the guide **Python Programming** - Brian Brian Jenkins 2018-12-24

If you are looking for a complete beginners guide to learn Python programming with examples, in just a few hours, this book is the best one for you Order this guide Today!! Python Programming for Absolute Beginners Learn Programming with Python, step-by-step in few hours. Why Learn Python? Python is a general-purpose language, which means it can be used to build just about anything, which will be made easy with the right tools/libraries. Python is one of the over 1000 computer programming languages that are known today. Python has also grown tremendously to become one of the leading programming languages. People have liked it for its syntax and semantics which are easy for one to grasp, even those without a background in computer programming. Due to this, Python is taught to juniors in many schools worldwide. Python is also cross-platform, meaning that one can code in Python from various operating systems. Professionally, Python is great for back-end web development,

data analysis, artificial intelligence, and scientific computing. People, companies, and institutions have used Python to develop different applications including web applications, game applications, desktop applications etc. The popularity of Python also continues to rise every day. Why this Book is different? This book explores every aspect of Python programming language. This book may be the best one for an absolute beginner, it's a step by step guide for any person who wants to start learning Python programming from scratch. It will help you in preparing a solid computer programming foundation and learn any other coding language will be easy to you. Book Objectives The author wrote this book with the goal of helping the readers learn every aspect of Python programming. The book will help you: Know more about computer programming and how to get started with Python programming language. Understand the various features of Python programming language and appreciate its power. Transition from a programming beginner to an expert. Target Users The book designed for a variety of target audiences. The most suitable users would include: Newbies in computer programming and Python Programming Professionals in computer programming and software applications development Professors, lecturers or tutors who are looking to find better ways to explain the content to their students in the simplest and easiest way Students and academicians, especially those focusing on computer programming and software development! Is this book for me? If you want to learn computer programming with Python, this book is for you. Experience in computer programming is not required. If this is the first time for you to hear about computer programming, this book is the best for you. What's Inside this Book? Getting Started with Python Basic Python Syntax Python Variables Python Data Types Control Statements Python Functions Python Loops Python Classes and Objects Exception Handling Python Modules File Handling Tkinter Python Operators Accessing MySQL Databases Download your copy today! Python, Python 3, learn python, learn python 3, python crash course, python for beginners, python machine learning, deep learning, python for data analysis, python tricks,

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Learn Python Programming for Beginners - Flynn Fisher 2020-10-18

Programming can be hard if you don't have a precise step-by-step guide. Luckily, inside this book, you will find all the building blocks needed to start your Python programming journey.

Python Programming For Beginners In 2021 - James Tudor 2021-01-03

If You Want To Learn Python Programming In As Little As 5 Days - And Have Fun Doing It, Read On... How many times have you thought about learning how to code but got discouraged because you had no technical background, didn't have the time to learn, or you just didn't think you were smart enough to have a crack at it? Well, we have good news for you. You Don't Need An Expensive Computer Science Degree, A 500 Page Textbook or A Genius Mind To Learn The Basics Of Python Programming! 5 times #1 Amazon bestselling author, James Tudor, provides a concise, step-by-step guide to Python programming for beginners. A lot of examples, illustrations, end of chapter summary and practice exercises (with solutions) are provided to help the reader learn faster, remember longer and develop a thorough understanding of key concepts. In This Book, you'll discover: A concise. Simple. Newby friendly style of teaching that lends itself well to beginners Chapters that have been sliced into bite-size chunks to give you the information you need (at that point in time) so you're not overwhelmed. Lots of simple, step-by-step examples and illustrations are used to emphasis key concepts and help improve your understanding Each practice exercise builds on concepts discussed in previous chapters so your learning is reinforced as you progress. Topics are carefully selected to give you a broad exposure to Python, while not overwhelming you with too much (potentially unnecessary) information. An end of chapter summary is presented to give you key takeaways that help you solidify your understanding A detailed step-by-step answer section that summarizes all the solution to the practice exercises presented in this book. **NOTE** Because this book is enrolled in Kindle Matchbook, Amazon will make the kindle edition of this book available to you for FREE when you purchase the paperback

version today (Offer is only available to Amazon USA Customers) You no longer have to waste your time and money trying to learn Python from expensive online courses, college degrees or unnecessarily long textbooks that leave you thousands of dollars in debt, more confused and frustrated. If you're ready to learn the basics of python programming 5 days from TODAY, grab a copy of this book today! Scroll to the top of the page and click the "BUY NOW" button!

Python Programming for Beginners - James Herron 2020-05-30

Why Learn Python? Python is a general-purpose language, which means it can be used to build just about anything, which will be made easy with the right tools/libraries. Python is one of the over 1000 computer programming languages that are known today. Python has also grown tremendously to become one of the leading programming languages. People have liked it for its syntax and semantics which are easy for one to grasp, even those without a background in computer programming. Due to this, Python is taught to juniors in many schools worldwide. Python is also cross-platform, meaning that one can code in Python from various operating systems. Professionally, Python is great for backend web development, data analysis, artificial intelligence, and scientific computing. People, companies and institutions have used Python to develop different applications including web applications, game applications, desktop applications etc. The popularity of Python also continues to rise every day. Why this Book is different? This book explores every aspect of Python programming language. This book may be the best one for an absolute beginner, it's a step by step guide for any person who wants to start learning Python programming from scratch. It will help you in preparing a solid computer programming foundation and learn any other coding language will be easy to you. **Book Objectives** The author wrote this book with the goal of helping the readers learn every aspect of Python programming. The book will help you: Know more about computer programming and how to get started with Python programming language. Understand the various features of Python programming language and appreciate its power. Transition from a programming beginner

to an expert. Target Users The book designed for a variety of target audiences. The most suitable users would include: Newbies in computer programming and Python Programming Professionals in computer programming and software applications development Professors, lecturers or tutors who are looking to find better ways to explain the content to their students in the simplest and easiest way Students and academicians, especially those focusing on computer programming and software development! Is this book for me? If you want to learn computer programming with Python, this book is for you. Experience in computer programming is not required. If this is the first time for you to hear about computer programming, this book is the best for you. What's Inside this Book? Getting Started with Python A comprehensive background How to Download and Install Python The Python Environmental Variables to Note Interacting with Python Starting and Interacting with Python Variables Loops Native Python Datatypes Python String Python Lists Python Dictionary Boolean Logic and conditional Constructing "While" Loops In Python Constructing "For Loops" Loops In Python Download your copy today!

Python Programming - Callisto

Computer Programming for Beginners - Murali Chemuturi 2018-09-03

This book aims to capture the fundamentals of computer programming without tying the topic to any specific programming language. To the best of the authors' knowledge there is no such book in the market.

Python Programming - Ryan Turner 2020-02-09

If you're looking for a way to become an expert coder and impress your friends with the programs you can make from scratch, then pay attention. Here's the deal. You've decided that one of the most in-demand skills is the best place to start when making money. However, learning how to code can be a very long and arduous process. But, not learning it and hiring a programmer can be very expensive. You may want to build an app or code a website, but the costs have always been too high, making it pointless and not very cost-effective. Sound familiar? If it does, then the information inside

this book is your answer. You will be given all the tips, tricks, and practice codes you need to learn Python, the solid programming language used in hundreds of industries around the world. This information allows you to become skilled much faster and perfect your coding skills in no time. Imagine cutting months off your learning curve and getting a strong base of knowledge in no time at all. Imagine getting your project done yourself for a fraction of the cost. This all is possible with the help of this three-books bundle, featuring beginner, intermediate, and expert guides! This guidebook goes more in-depth about the Python language. This is detailed, scientific information compiled together by experts in an easy-to-listen-to fashion. In this Python guide, you will discover: Book one: The benefits of Python How to get up and running with Python Full instructions of how to code How to make predictions with algorithms Real-world examples of Python The three different examples of coding Book two: The importance of machine learning The basics of working with Python How to set up your Python environment Data preprocessing with machine learning Working with linear regression in machine learning Book three: The best benefits of Python and why programmers around the world choose it How to download the Python language on your computer, regardless of the operating system you prefer How to write your first program in Python What it means to work with an object-oriented programming language How to write conditional statements, loops, functions, variables, classes, exceptions, and more If you want to learn more about how to get the best Python training, and if you are ready to write your own codes and turn your ideas into reality, then simply click the "Buy Now" button on this page to get started.

[Python For Beginners](#) - James Tudor 2019-05
🎁BONUS🎁: Buy a paperback copy of this book today and the Kindle version will be available to you Absolutely FREE (Only For Amazon US Customers). If You Want To Learn Python Programming In As Little As 5 Days - Even If You Have No Technical Skills Whatsoever, Read On... How many times have you thought about learning how to code but got discouraged because you had no technical background, didn't have the time to learn, or you just didn't think

you were smart enough? Well, we have good news for you. You Don't Need An Expensive Computer Science Degree, A 500 Page Textbook or A Genius Mind To Learn The Basics Of Python Programming! Amazon bestselling author, James Tudor, provides a concise, step-by-step guide to Python programming for beginners. A lot of examples, illustrations, end of chapter summary and practice exercises (with solutions) are provided to help the reader learn faster, remember longer and develop a thorough understanding of key concepts. In This Book, you'll discover: A concise. Simple. Newby friendly style of teaching that lends itself well to beginners Chapters that have been sliced into bite-size chunks to give you the information you need (at that point in time) so you're not overwhelmed. Lots of simple, step-by-step examples and illustrations are used to emphasize key concepts and help improve your understanding Each practice exercise builds on concepts discussed in previous chapters so your learning is reinforced as you progress. Topics are carefully selected to give you a broad exposure to Python, while not overwhelming you with too much (potentially unnecessary) information. An end of chapter summary is presented to give you key take aways that help you solidify your understanding PLUS, BONUS MATERIALS: The first few pages of this book will show you how to download an answer booklet that summarizes all the solution to the practice exercises presented in this book. You no longer have to waste your time and money trying to learn Python from expensive online courses, college degrees or unnecessarily long textbooks that leave you thousands of dollars in debt, more confused and frustrated. If you're ready to learn the basics of python programming 5 days from TODAY, grab a copy of this book today! Scroll to the top of the page and click the "BUY NOW" button!

Python for Kids - Jason Briggs 2012-12-12
Python is a powerful, expressive programming language that's easy to learn and fun to use! But books about learning to program in Python can be kind of dull, gray, and boring, and that's no fun for anyone. Python for Kids brings Python to life and brings you (and your parents) into the world of programming. The ever-patient Jason R. Briggs will guide you through the basics as you

experiment with unique (and often hilarious) example programs that feature ravenous monsters, secret agents, thieving ravens, and more. New terms are defined; code is colored, dissected, and explained; and quirky, full-color illustrations keep things on the lighter side. Chapters end with programming puzzles designed to stretch your brain and strengthen your understanding. By the end of the book you'll have programmed two complete games: a clone of the famous Pong and "Mr. Stick Man Races for the Exit"—a platform game with jumps, animation, and much more. As you strike out on your programming adventure, you'll learn how to: -Use fundamental data structures like lists, tuples, and maps -Organize and reuse your code with functions and modules -Use control structures like loops and conditional statements -Draw shapes and patterns with Python's turtle module -Create games, animations, and other graphical wonders with tkinter Why should serious adults have all the fun? Python for Kids is your ticket into the amazing world of computer programming. For kids ages 10+ (and their parents) The code in this book runs on almost anything: Windows, Mac, Linux, even an OLPC laptop or Raspberry Pi!

Python For Beginners - James Tudor 2019-10-07
☐☐BONUS☐☐: Buy a paperback copy of this book today and the Kindle version will be available to you Absolutely FREE (Only For Amazon US Customers). If You Want To Learn Python Programming In As Little As 5 Days - Even If You Have No Technical Skills Whatsoever, Read On... How many times have you thought about learning how to code but got discouraged because you had no technical background, didn't have the time to learn, or you just didn't think you were smart enough? Well, we have good news for you. You Don't Need An Expensive Computer Science Degree, A 500 Page Textbook or A Genius Mind To Learn The Basics Of Python Programming! Amazon bestselling author, James Tudor, provides a concise, step-by-step guide to Python programming for beginners. A lot of examples, illustrations, end of chapter summary and practice exercises (with solutions) are provided to help the reader learn faster, remember longer and develop a thorough understanding of key concepts. In This Book, you'll discover: A concise. Simple. Newby

friendly style of teaching that lends itself well to beginners Chapters that have been sliced into bite-size chunks to give you the information you need (at that point in time) so you're not overwhelmed. Lots of simple, step-by-step examples and illustrations are used to emphasize key concepts and help improve your understanding Each practice exercise builds on concepts discussed in previous chapters so your learning is reinforced as you progress. Topics are carefully selected to give you a broad exposure to Python, while not overwhelming you with too much (potentially unnecessary) information. An end of chapter summary is presented to give you key take aways that help you solidify your understanding PLUS, BONUS MATERIALS: The first few pages of this book will show you how to download an answer booklet that summarizes all the solution to the practice exercises presented in this book. You no longer have to waste your time and money trying to learn Python from expensive online courses, college degrees or unnecessarily long textbooks that leave you thousands of dollars in debt, more confused and frustrated. If you're ready to learn the basics of python programming 5 days from TODAY, grab a copy of this book today! Scroll to the top of the page and click the "BUY NOW" button!

Python Programming for Beginners - Julian James McKinnon 2020-02-10

In the early 1980s, Python was designed. Initially, Python did not make its mark in the industry as intended due to the absence of adequate marketing. It also had some inbuilt problems relating to the key idea, which worked as an obstacle in its successful route. With renovation by Google within the twentieth century, improvements were seen in Python, as some needed modifications were made in its set-up and settings. As a consequence, it has acquired the authority and efficiency within itself. Google altered the language's key logic and also removed all of the library's repeated modules and techniques to make it smoother and lighter. Its efficiency has now improved more than three times than before. It, therefore, becomes one of the industry's most powerful languages, gaining tremendous popularity among developers and tech experts over the past decade, turning out to be a gem in the IT

industry. Today, many programming languages exist. Some are being used, and some are now deemed outdated. The programming situation has altered dramatically over the past few years as designers and programmers are looking for more universal and accessible languages, and this is why the language of Python has lately become so popular. The Python community is increasing day by day, as many programmers find it one of the most user-friendly programming languages. Python's development today involves different individuals with a broad spectrum of backgrounds, ages, and instructional levels - whether you're a student, a computer designer, a housewife, or a retiree, you can be a part of the process. There are always some thorough guidelines to make your introduction to the subject easier and more sustainable to ensure your success. Much guidance can be found on the Internet. If you are starting with programming and have no knowledge about computers and programming, this book is written for you. You will find initial chapters easier to understand and as you progress to later chapters, you will have better skills and we will cover more advanced topics. This book is written in one flow and it's better not to skip any topic, let alone an entire chapter. This book gives a comprehensive guide on the following: The basic background of python Data types in python Operators - the types and their uses Loops and functions Exception handling Variable scope and lifetime in python functions Modules Working with files Object-oriented programming Real-world examples of python Getting started; python tips and tricks Common programming challenges ... AND MORE!!! However, you can get to know some starting points and steps, once you purchase this book. What are you waiting for? Scroll up and Click the Buy Now Button!

Python Programming - Alex Stark 2021-02-03

Are you brand new to machine learning and Python? Do you want to learn good coding techniques quickly and easily? Then Python Programming is the book for you! Python is one of the best platforms for those new to programming to begin with. The book will introduce you to the basic concepts of Machine Learning, Python programming language, various program libraries, and supporting

platforms. This guide will help you with your journey into the world of Python Machine Learning and help you navigate your way from a newbie to an intermediate level. You'll learn: * Getting Started with Python * The Basic Principles of Python Machine Learning * Getting Started With Data Visualization * The Use of Predictive Analytics * How to start writing anAlgorithm* Everything about Decision Tree* How to work with Data * Neural Networks, Big Data, the Internet of Things (IoT), and Cloud Computing * And more...Even if you've never looked at a computer program before and had always thought that learning a computer language would be too difficult, this book can help. With its easy to understand and simple language, you could soon be wondering why you never thought about trying computer programming before. Get a copy of Python Programming today and start your new adventure now!

Python Made Easy - Nilabh Nishchhal
2020-10-20

Python Made Easy: Beginners Guide to Programming and Data Analysis using Python
Get comprehensive learning of Python Programming starting from the very basics and going up to utilizing python libraries for data analysis and Visualization. Based on the author's journey to master Python, this book will help you to quickly start with writing programs and solving your problems using Python. It provides an ideal and elegant way to start learning Python, both for a newcomer to the programming world and a professional developer expert in other languages. This book comes loaded with illustrations and real-life examples. It gives you exercises which challenge you to refresh your conceptual clarity and write better codes. It is super easy to follow and will work as a self-paced tutorial to get you started with the latest and best in Python. All the advanced Python features to date are included. • Get to know the history, present, and future of Data Science • Get introduced to the basics of Computer Programming • Explore the exciting world of Python using Anaconda • Learn how to install and use Python on your computer • Create your Variables, Objects and learn Syntax of operations • Explore Python's built-in object types like Lists, dictionaries, Tuples, Strings and

sets • Learn to make your codes reusable by using functions • Organize your codes, functions and other objects into larger components with Modules • Explore Classes - the Object-Oriented Programming tool for elegant codes • Write complex codes and learn how to handle Errors and Exceptions • Learn about NumPy arrays and operations on them • Explore data analysis using pandas on a real-life data set • Dive into the exciting world of Visualization with 3 chapters on Visualization and Matplotlib • Experience the Power of What you learnt by 3 projects • Learn to make your own application complete with GUI by using API

Beginning Programming with Python For Dummies - John Paul Mueller 2018-02-13

The easy way to learn programming fundamentals with Python Python is a remarkably powerful and dynamic programming language that's used in a wide variety of application domains. Some of its key distinguishing features include a very clear, readable syntax, strong introspection capabilities, intuitive object orientation, and natural expression of procedural code. Plus, Python features full modularity, supporting hierarchical packages, exception-based error handling, and modules easily written in C, C++, Java, R, or .NET languages, such as C#. In addition, Python supports a number of coding styles that include: functional, imperative, object-oriented, and procedural. Due to its ease of use and flexibility, Python is constantly growing in popularity—and now you can wear your programming hat with pride and join the ranks of the pros with the help of this guide. Inside, expert author John Paul Mueller gives a complete step-by-step overview of all there is to know about Python. From performing common and advanced tasks, to collecting data, to interacting with package—this book covers it all! Use Python to create and run your first application Find out how to troubleshoot and fix errors Learn to work with Anaconda and use Magic Functions Benefit from completely updated and revised information since the last edition If you've never used Python or are new to programming in general, Beginning Programming with Python For Dummies is a helpful resource that will set you up for success. Learn Python 3 the Hard Way - Zed A. Shaw

2017-06-26

You Will Learn Python 3! Zed Shaw has perfected the world's best system for learning Python 3. Follow it and you will succeed—just like the millions of beginners Zed has taught to date! You bring the discipline, commitment, and persistence; the author supplies everything else. In Learn Python 3 the Hard Way, you'll learn Python by working through 52 brilliantly crafted exercises. Read them. Type their code precisely. (No copying and pasting!) Fix your mistakes. Watch the programs run. As you do, you'll learn how a computer works; what good programs look like; and how to read, write, and think about code. Zed then teaches you even more in 5+ hours of video where he shows you how to break, fix, and debug your code—live, as he's doing the exercises. Install a complete Python environment Organize and write code Fix and break code Basic mathematics Variables Strings and text Interact with users Work with files Looping and logic Data structures using lists and dictionaries Program design Object-oriented programming Inheritance and composition Modules, classes, and objects Python packaging Automated testing Basic game development Basic web development It'll be hard at first. But soon, you'll just get it—and that will feel great! This course will reward you for every minute you put into it. Soon, you'll know one of the world's most powerful, popular programming languages. You'll be a Python programmer. This Book Is Perfect For Total beginners with zero 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

Python Programming - Adam Stewart

2017-02-07

Python Programming Crash Course 2 in 1 This Book Includes: Python Programming for Beginners, Python Programming for Intermediates Python is one of the best programming languages out there. It is easy for beginners to learn and powerful enough to help even advanced programmers get their work done. Python Programming: Python Programming for Beginners is a great place for beginners to take a look at Python and understand this program. From its history and

why it is so easy to use to some of the tasks that you can do with Python, this guidebook will help you get started. A preview of what you will learn inside includes: The origins of Python and why you would use this option over another programming language. The benefits of using Python Some common terms you should know to get started How to download Python and the other programs you will need to get started Some of the basic functions and commands with Python Learning what comments are as well as strings and more functions Learning what variables are and how they can help you do in Python Getting started in programming can be scary, but Python makes it easy. Check out Python Programming: Python Programming for Beginners to get started! Learn the Python Programming Language The Only step by step guide that teaches you python programming from beginner, intermediate, to advanced. Be sure to check out the beginner guide before proceeding to the intermediate. Are you ready to expand your skills and really start to take over in the Python language? Have you already got a bit of experience with this programming language, but are ready to delve in deeper and really see what kinds of code you are able to write? Python Programming for Intermediates: A Complete Crash Course on Python Programming is the right choice for you! This books takes you beyond the beginners steps of working in Python and allows you to explore some of the power that this program offers. From a reintroduction to how to start with this program all the way to loop statements and functions, you are going to be writing those fantastic codes in no time. What you will learn in this eBook includes: Getting started with Python Some of the basic commands, variables, statements, and other things that you are able to do with this programming language Understanding the decision control structure Loop control statements Functions And so much more Learn the Python Programming lanaguage by grabbing your guide today!

[Python Programming](#) - Leonard Eddison

2018-11-24

Python Programming: A Step By Step Guide For Beginners SECOND EDITION Chances are, if you are viewing this page, you are brand new to Python. You might even be new to Programming

altogether. Either way, you have come to the right place and chosen the right language. Python is a very beginners friendly Programming Language perfect for people who are new to the Programming world due to its straightforward approach and syntax. This book has been written keeping the beginner user in mind. Through the reading of this guide you will be led into the Programming world with a very easy Step-by-Step process. Frequently Asked Questions: Q: Is this book for beginners? If yes, can I find also some materials for the intermediate user? A: This book is though for a beginner user, it starts from "how to download and install Python on your PC" to "how to create your first string of code". It contains also chapters (in the second part of the book) intermediate friendly due to the fact that it contains a deepening on "modules, strings, dictionaries" and so on... Q: I have seen that this is the second edition, should I buy the first one instead? A: No, it's not a series, this is an updated version with more codes and an easy step-by-step guide on how to start Programming in Python 3. Q: Can I loan this ebook? A: Yes for sure, you can lend this ebook for a duration of 14 days. Q: Will I be able to program with Python after reading this book? A: Yes, this book is perfect for the user that wants to start coding with Python. Unfortunately, as soon as you will get more experienced you won't need to read books but more advanced materials such as courses and exercises, a lot of exercises... Q: Does this book contains codes examples? A: Yes, a lot of them Please note that this book will focus a lot on exercises and codes allowing the reader to learn Python as fast as possible in a practical manner. here some points covered by this book: -How to install Python (Windows, Mac, Linux...) -Modules -Types of data (tuple, lists, sets and so on...) - Python Syntax and much more inside the guide *Python Programming* - Ryshith Doyle 2018-12-24

WHY I WROTE THIS BOOK? I wrote this book for people who want to learn Python Programming, but cannot bring themselves to do so for two obvious reasons. Firstly, they fear the effort that goes into learning a new programming language. Secondly, even if they begin attempting to learn Python, the books available on Python Programming are too complicated to understand and learn, for beginners. I have

adapted the question and answer approach to write this book. Wherein, the knowledge and content transfer to the reader will happen through the method of question and answer. I guess this is the most effective way in which learning happens for beginners. Moreover, the Question and Answer method is not a novel idea but was developed by the famous philosopher Socrates and is also known as the "Socratic Method of teaching". This book is a learner friendly, question and answer guide, that helps you step-by-step in your effort to learn the fastest growing programming language - Python Programming Language. WHY YOU SHOULD READ THIS BOOK? This book can help you answer the following questions: 1. What is the basic history of Python Programming? 2. Why is Python Programming gaining popularity in the present day? 3. Will Python Programming stay around for some time to come? 4. What are the uses and features of Python Programming? 5. How to install Python Interpreter? 6. How to write your first program in Python and execute it? 7. How to program using the data types, methods and Operators of Python? 8. How to program using the Conditional and Iteration constructs? 9. What is the method in which Python implements modules? 10. How to begin using Python to program like a pro? THIS BOOK IS BEST SUITED FOR: 1. This Python Programming book is Best for Beginners: Anyone who wants to learn Python Programming for the first time. This book will help persons even with no previous exposure to any other programming language such as C or Java. 2. This Python Programming book is Best also for students: Schools and colleges world over are introducing Python Programming as part of their curriculum. This book can be used by students to learning Python Programming step-by-step. It will also help them in their exams with ready-made set of question and answers. 3. This Python Programming book is Best for candidates preparing for interviews related to programming: Since, it is in the form of question and answers. The candidate will have a short and crisp answer to be ready with. Even though if a candidate has read an exhaustive 500 page Python book, "The Python Programming: Answers all your Questions Step-by-Step" will help the candidate revise and be ready with to-

the-point answers.

Computer Programming for Beginners - Kevin Cooper 2019-12-12

Are you ready to chart a new course in your programming career? Are you ready but don't know where to begin? Do not worry, because these books give you the fundamentals of programming languages. This guide is what you need to learn to program easily and quickly from an expert with over 10+ years' experience. All you need is a bit of patience and planning. The books cover topics such as: The Complete Introduction Guide for Learning the Basics of C, C#, C++, SQL, JAVA, JAVASCRIPT, PHP, and PYTHON The concepts of different programming languages Variables of the different programming language Where the language is applicable in our today world What are the things you need to know about artificial intelligence? How you can start with machine learning and Why you need to understand the fundamentals; the jars of machine learning and how many they are; what the roadmaps to machine learning are What the types of machine learning are, and what their impacts are to amplify various elements of business operations In addition a book explains Python in detail with the help of detailed coding examples that are usually not available in Python beginner-level books and that will make your journey easier. Python is a robust programming language and supports both functional and object-oriented concepts. We took a lot of care and we tried to explain a lot of concepts that are important for the success of an entry-level programmer. Along with all these basic concepts, we have tried to give some practical examples which can help the reader understand the concepts better. We will discuss in detail the best parts of the book: Brief history of Python and different development environments available Detailed reading about conditionals and loops along with programming code Functions, modules, and object-oriented programming in detail The books are well arranged for easy understanding. Don't forget to brush up your knowledge by going through the exercise pages. So what are you waiting for? Let the programming begin! Invest in your future! Click the "Buy Now" button at the top of this page and get your copy of "Computer Programming for Beginners" now!

Python Basics - Dan Bader 2021-03-16

Make the Leap From Beginner to Intermediate in Python... Python Basics: A Practical Introduction to Python 3 Your Complete Python Curriculum-With Exercises, Interactive Quizzes, and Sample Projects What should you learn about Python in the beginning to get a strong foundation? With Python Basics, you'll not only cover the core concepts you really need to know, but you'll also learn them in the most efficient order with the help of practical exercises and interactive quizzes. You'll know enough to be dangerous with Python, fast! Who Should Read This Book If you're new to Python, you'll get a practical, step-by-step roadmap on developing your foundational skills. You'll be introduced to each concept and language feature in a logical order. Every step in this curriculum is explained and illustrated with short, clear code samples. Our goal with this book is to educate, not to impress or intimidate. If you're familiar with some basic programming concepts, you'll get a clear and well-tested introduction to Python. This is a practical introduction to Python that jumps right into the meat and potatoes without sacrificing substance. If you have prior experience with languages like VBA, PowerShell, R, Perl, C, C++, C#, Java, or Swift the numerous exercises within each chapter will fast-track your progress. If you're a seasoned developer, you'll get a Python 3 crash course that brings you up to speed with modern Python programming. Mix and match the chapters that interest you the most and use the interactive quizzes and review exercises to check your learning progress as you go along. If you're a self-starter completely new to coding, you'll get practical and motivating examples. You'll begin by installing Python and setting up a coding environment on your computer from scratch, and then continue from there. We'll get you coding right away so that you become competent and knowledgeable enough to solve real-world problems, fast. Develop a passion for programming by solving interesting problems with Python every day! If you're looking to break into a coding or data-science career, you'll pick up the practical foundations with this book. We won't just dump a boat load of theoretical information on you so you can "sink or swim"- instead you'll learn from hands-on, practical

examples one step at a time. Each concept is broken down for you so you'll always know what you can do with it in practical terms. If you're interested in teaching others "how to Python," this will be your guidebook. If you're looking to stoke the coding flame in your coworkers, kids, or relatives-use our material to teach them. All the sequencing has been done for you so you'll always know what to cover next and how to explain it. What Python Developers Say About The Book: "Go forth and learn this amazing language using this great book." - Michael Kennedy, Talk Python "The wording is casual, easy to understand, and makes the information

flow well." - Thomas Wong, Pythonista "I floundered for a long time trying to teach myself. I slogged through dozens of incomplete online tutorials. I snoozed through hours of boring screencasts. I gave up on countless cruffy books from big-time publishers. And then I found Real Python. The easy-to-follow, step-by-step instructions break the big concepts down into bite-sized chunks written in plain English. The authors never forget their audience and are consistently thorough and detailed in their explanations. I'm up and running now, but I constantly refer to the material for guidance." - Jared Nielsen, Pythonista