

# Algorithms And Data Structures Python For Rookies

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python for rookies is designed to help students learn how to program using the python language as a tool the approach taken teaches students the fundamentals of programming and re enforces good programming practice written for students studying a variety of degree subjects such as games technology creative computing and multimedia where core computer science is applied to the arts the pace and breadth would also be suitable for a one semester introductory programming course for all computing undergraduates we hope that the example programs chosen to enliven and

motivate will also be very relevant to a range of courses and the varied ambitions of people who need to acquire programming skills the book covers programming from small script style applications to larger pieces of software the emphasis remains on problem solving even through the introduction of common libraries and object oriented programming test oriented development is an integral part of programming and learning how to incorporate a unit test early on will take away the frustrations of producing buggy software that doesn't run it will provide a framework to support your learning of programming

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ready to start this new journey into the python's world python is the ideal language to learn for budding developers it is a modern object oriented programming language with easy to read code and an extensive internet bank of modules it offers high level dynamic data types many built in functions and operators classes garbage collection and supports dynamic typing python runs on just about any device python is an OSI approved open source software application that makes it free to download and install python for beginners a crash course to learn python programming in 1 week will take you through the basics of getting started with python programming step by step this tutorial will teach you everything you need to know to get you to the next

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languages worked there was something that was missing surely something could be done to make coding a less tedious task to do and carry out that is exactly what a revolutionary new language named after monty python's flying circus did for the world immediately coding became so much easier for programmers the use of this language started gaining momentum and today it is set to overtake the only language that stands before it to claim the prestigious spot of being the world's most favored language this language was the brainchild of guido van rossum created in the year 1991 python has become a byword for efficient and user friendly programming this language is what connected the dots and gave programmers the much needed ease of coding that they have since been yearning for naturally the language was received well by the programming community today it is one of the most important languages for both professionals and students who aim to excel in fields like machine learning automation artificial intelligence and so much more with real life examples showing a wide variety of use python is now living and breathing in almost every major social platform web application and website all of this sounds interesting and exciting at the same time but what if you have no prior knowledge about programming what if you have no understanding of basic concepts and you wish to learn python this book covers python the first impressions getting ready for python the world of variables and operators making your program interactive list tuples and dictionaries functions and modules working with files object oriented programming and much more i am happy to report that this book will provide you with every possible chance of learning python and allow you to jump start your journey into the world of programming this book is ideally meant for people who have zero understanding of programming and or may have never coded a single line of program before i will walk you through all the basic steps from installation to application we will look into various aspects of the language and hopefully provide you with real life examples to further explain the importance of such aspects the idea of this book is to prepare you as you learn the core concepts of python buy it now and let your customers get addicted to this amazing book

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came across the rather brilliant linux new programming languages were born as well and people certainly enjoyed these to the utmost while most of these programming languages worked there was something that was missing surely something could be done to make coding a less tedious task to do and carry out that is exactly what a revolutionary new language named after monty python's flying circus did for the world immediately coding became so much easier for programmers the use of this language started gaining momentum and today it is set to overtake the only language that stands before it to claim the prestigious spot of being the world's most favored language this language was the brainchild of guido van rossum created in the year 1991 python has become a byword for efficient and user friendly programming this language is what connected the dots and gave programmers the much needed ease of coding that they have since been yearning for naturally the language was received well by the programming community today it is one of the most important languages for both professionals and students who aim to excel in fields like machine learning automation artificial intelligence and so much more with real life examples showing a wide variety of use python is now living and breathing in almost every major social platform web application and website all of this sounds interesting and exciting at the same time but what if you have no prior knowledge about programming what if you have no understanding of basic concepts and you wish to learn python this book covers python the first impressions getting ready for python the world of variables and operators making your program interactive list tuples and dictionaries functions and modules working with files object oriented programming and much more i am happy to report that this book will provide you with every possible chance of learning python and allow you to jump start your journey into the world of programming this book is ideally meant for people who have zero understanding of programming and or may have never coded a single line of program before i will walk you through all the basic steps from installation to application we will look into various aspects of the language and hopefully provide you with real life examples to further explain the importance of such aspects the idea of this book is to prepare you as you learn the core concepts of python take advantage of this deal and let your customers fall in love with this book

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### **Adjustable Font Sizes**

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## **Text-to-Speech Capabilities**

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## **Conclusion**

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## **FAQs**

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