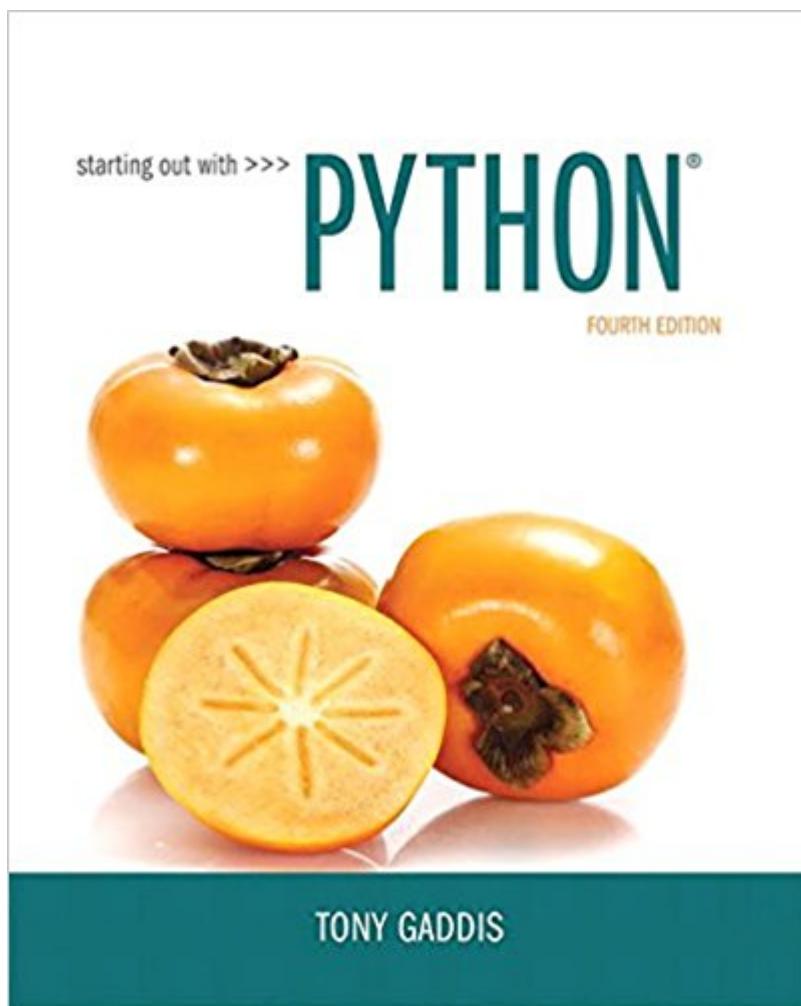


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# Starting Out With Python (4th Edition)



## Synopsis

For courses in Python programming. A clear and student-friendly introduction to the fundamentals of Python In Starting Out with Python®, 4th Edition, Tony Gaddis™ accessible coverage introduces students to the basics of programming in a high level language. Python, an easy-to-learn and increasingly popular object-oriented language, allows readers to become comfortable with the fundamentals of programming without the troublesome syntax that can be challenging for novices. With the knowledge acquired using Python, students gain confidence in their skills and learn to recognize the logic behind developing high-quality programs. Starting Out with Python discusses control structures, functions, arrays, and pointers before objects and classes. As with all Gaddis texts, clear and easy-to-read code listings, concise and practical real-world examples, focused explanations, and an abundance of exercises appear in every chapter. Updates to the 4th Edition include revised, improved problems throughout, and new Turtle Graphics sections that provide flexibility as assignable, optional material. Also Available with MyLab Programming. MyLab® Programming is an online learning system designed to engage students and improve results. MyLab Programming consists of programming exercises correlated to the concepts and objectives in this book. Through practice exercises and immediate, personalized feedback, MyLab Programming improves the programming competence of beginning students who often struggle with the basic concepts of programming languages. Note: You are purchasing a standalone product; MyLab Programming does not come packaged with this content. Students, if interested in purchasing this title with MyLab Programming, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab Programming, search for: 0134543661 / 9780134543666 Starting Out with Python Plus MyLab Programming with Pearson eText -- Access Card Package, 4/e A Package consists of: A A 0134444329 / 9780134444321 Starting Out with Python 0134484967 / 9780134484969 MyLab Programming with Pearson eText -- Access Code Card -- for Starting Out with Python Students can use the URL and phone number below to help answer their questions: A A <http://247pearsoned.custhelp.com/app/home> A 800-677-6337 A A

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## Customer Reviews

Introductory Programming / Python ® Gaddis Books -- Understanding from the Start! Starting Out with Python introduces students to the basics of programming and prepares them to go on to more complicated languages. With the knowledge acquired using Python, students gain confidence in their skills and acquire the logic necessary for developing high-quality programs. This book discusses control structures, functions, lists, and file I/O before introducing classes. As with all Gaddis texts, clear and easy-to-read code listings, concise and practical real-world examples, detail-oriented explanations, and an abundance of exercises appear in every chapter. This book is ideal for a one-semester introductory programming course for students with limited programming experience.

**KEY FEATURES** Control structures, functions, lists, and file I/O are covered before classes are introduced. A clear and student-friendly writing style simplifies programming processes for beginning programmers, with two to three stepped-out explanations following each major concept. A variety of exercises in each chapter encourages students to put concepts to work as they are learned. Source code is provided so that students can run the programs themselves. In the Spotlight case studies walk students through the design of a problem by showing all the important steps. Checkpoints check students' understanding of important lessons at key places in each chapter. Other student-friendly features include Concept, Note, Tip, and Warning boxes. A student resource CD-ROM packaged with each new text includes Python, the IDLE development environment, source code from the example problems, and answers to all Checkpoint questions.

**COMPATIBLE WITH OTHER BOOKS IN THE GADDIS SERIES** Tony Gaddis's best-selling Starting Out With series provides accessible, detailed presentations of programming concepts using an approach that will increase confidence and competence in novice programmers. The Starting Out With series includes books that meet most course and teaching styles. Titles include Starting

Out with Alice, Python, Visual Basic®, C++, and Java. Visit [www.aw.com/gaddisbooks](http://www.aw.com/gaddisbooks) for more information. --This text refers to an out of print or unavailable edition of this title.

Tony Gaddis is the principal author of the Starting Out With series of textbooks. Tony has nearly two decades of experience teaching computer science courses, primarily at Haywood Community College. He is a highly acclaimed instructor who was previously selected as the North Carolina Community College Teacher of the Year • and has received the Teaching Excellence award from the National Institute for Staff and Organizational Development. The Starting Out With series includes introductory books covering C++, Java®, Microsoft® Visual Basic®, Microsoft® C#®, Python®, Programming Logic and Design, Alice, and App Inventor, all published by Pearson. More information about all these books can be found at [www.pearsonhighered.com/gaddisbooks](http://www.pearsonhighered.com/gaddisbooks).

This book is Very nice. As a student I know that some of my books will cost quite a bit; this one was an acceptable cost but it is written in easily understandable language. That makes the book have value. It seems silly but having simple language makes a world of difference when you are learning to program. The book has many additional supplements but you need to buy it new to use them obviously. The pages are a bit thin, so a highlighter is a poor choice but once again as a student I appreciate the penny pinching...

A pretty decent book, was required for my Intro to Programming class at UW. I would say that this is a great supplemental book to practice and online resources.

This is a good intro to Python book, and I would recommend it for anyone who wants an overview of Python. It's definitely suitable for people new(er) to programming, but still worth a casual read for experienced coders and I've found it to be a nice reference; however, if you are experienced, have an idea of what you want to do, and have more time on hand than extra cash, you can save some money by just reading through the abundance of documentation at [python.org](http://python.org).

This is a textbook for a university class I am taking, but I have found it very helpful and would buy if I were trying to teach myself Python.

Good intro into the Python language.

programming is hard! I had to buy the book for a class and I think its thorough.

Gaddis has been a most friendly "first tour" of Python and modern object programming. When I needed to go back and review certain features of the language in order to solve problems that my friends were throwing at me to code, the index was wonderful and turned the book into a useful working tool. Gaddis never hit me over the head with any "clever" coding. However over time programming patterns became clear through his teaching examples. I'm an older fellow bringing only a bit of "procedural" FORTRAN experience on a mainframe from years ago. Gaddis brought me into modern python including sequential file processing and exceptions, object-oriented programming, and class design including inheritance and polymorphism. Avoiding small, crimped printing, Addison-Wesley opted to publish the work with a pleasing much larger page layout, which is much better for learning and mark-up. I read the chapters straight through in the suggested order, and at no point did I ever feel that I had "hit a wall" or feel overwhelmed by the new concepts being presented. Summing up, this book interweaves the theoretical with the really practical in a wonderful way. The other point I'd make is that the book succeeds admirably in building up self-confidence in the reader. Recommended. Definitely worth the money. My second python book will be "Python Programming Fundamentals" by Kent D. Lee, because it is the only python book I know of that integrates elementary python teaching with use of a debugger in an easy "Integrated Development Environment." Lee suggests the free "Wingware IDE 101," available online, and makes himself available to readers via email. My third python book will be "The Quick Python Book," 2nd edition, by Naomi Ceder. Quite a bit more advanced than the other two books, Ceder tours many more features and options of python and so prepares one mentally to dig into the standard language documentation. Its index is good.

Not really different than older version. Save your money and buy the version before this one.

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