Python in 24 Hours, Sams Teach Yourself (2nd Edition)

By Katie Cunningham

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In just 24 sessions of one hour or less, *Sams Teach Yourself Python in 24 Hours* will help you get started fast, master all the core concepts of programming, and build anything from websites to games. Using this book's straightforward, step-by-step approach, you'll move from the absolute basics through functions, objects, classes, modules, database integration, and more. Every lesson and case study application builds on what you've already learned, giving you a rock-solid foundation for real-world success!

Step-by-step instructions carefully walk you through the most common Python development tasks.

Quizzes and Exercises at the end of each chapter help you test your knowledge.

Notes present interesting information related to the discussion.

Tips offer advice or show you easier ways to perform tasks.

Warnings alert you to possible problems and give you advice on how to avoid them.

Learn how to…

- Install and run the right version of Python for your operating system
- Store, manipulate, reformat, combine, and organize information
- Create logic to control how programs run and what they do
- Interact with users or other programs, wherever they are
- Save time and improve reliability by creating reusable functions
- Master Python data types: numbers, text, lists, and dictionaries
- Write object-oriented programs that work better and are easier to improve
- Expand Python classes to make them even more powerful
- Use third-party modules to perform complex tasks without writing new code
- Split programs to make them more maintainable and reusable
- Clearly document your code so others can work with it

- Store data in SQLite databases, write queries, and share data via JSON
- Simplify Python web development with the Flask framework
- Quickly program Python games with PyGame
- Avoid, troubleshoot, and fix problems with your code

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Editorial Review

About the Author

Katie Cunningham is a Python developer at Cox Media Group. She's a fervent advocate for Python, open source software, and teaching people how to program. She's a frequent speaker at open source conferences, such as PyCon and DjangoCon, speaking on beginners' topics such as someone's first site in the cloud and making a site that is accessible to everyone.

She also helps organize PyLadies in the DC area, a program designed to increase diversity in the Python community. She has taught classes for the organization, bringing novices from installation to writing their first app in 48 hours.

Katie is an active blogger at her website (http://therealkatie.net), covering issues such as Python, accessibility, and the trials and tribulations of working from home.

Katie lives in the DC area with her husband and two children.

Users Review

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Irma Patterson:

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