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PYTHON/PROGRAMMING LANGUAGES

Tiny Python Projects

Ken Youens-Clark

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.

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

For readers with beginner programming skills.

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.

"*Tiny Python Projects* is a gentle, amusing introduction to Python that will firm up several key concepts while occasionally making you snicker."
—Amanda Debler
Schaeffler Technologies

"Knowledge meets humor meets succinctness. A gem."
—Mafinar Khan, theScore

"Learning based on doing small projects is effective, and that's why this book is perfect."
—Marcin Sęk, e-Xim IT

"Excellent pick for those who want to improve coding skills with Python."
—José Apablaza, Steadfast

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ISBN: 978-1-61729-751-9

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