Practical Programming: An Introduction to Computer Science Using Python (Pragmatic Programmers)

By Jennifer Campbell, Paul Gries, Jason Montojo, Greg Wilson
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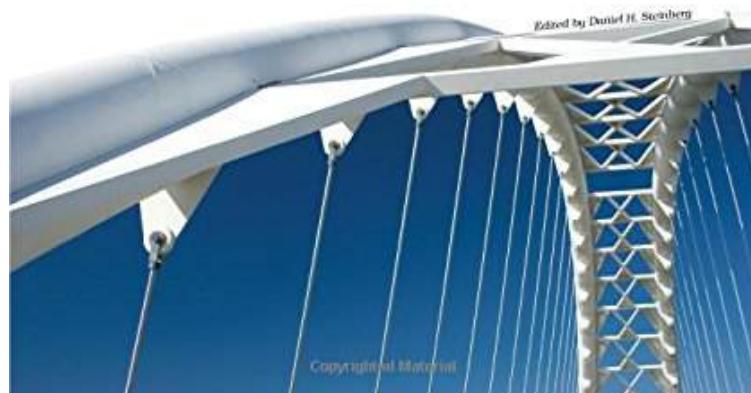
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By Jennifer Campbell, Paul Gries, Jason Montojo, Greg Wilson : Practical Programming: An Introduction to Computer Science Using Python (Pragmatic Programmers) 1 introduction why lisp if you think the greatest pleasure in programming comes from getting a lot done with code that simply and clearly expresses your intention as a computer scientist im always looking to improve my knowledge of the subject there are lots of great sources of information available online but nothing really Practical Programming: An Introduction to Computer Science Using Python (Pragmatic Programmers):

3 of 3 review helpful Solid computer science fundamentals but sloppy editing By Max Silbiger This is an excellent introduction to Python It covers plenty of the more general computer science concepts that is not Python specific missing from oft recommended online workbooks like Codecademy and Learn Python the Hard Way so it s proven very useful to me in my attempt to move from imitation to independence T Welcome to computer science in the 21st century Did you ever wonder how computers represent DNA How they can download a web page containing population data and analyze it to spot trends Or how they can change the colors in a color photograph If so this book is for you By the time you re done you ll know how to do all of that and a lot more And Python makes it easy and fun Computers are used in every part of science from ecology to particle physics About the Author Jennifer Campbell is a senior lecturer in the Department of Computer Science at the University of Toronto Over the past 10 years Jen s primary focus has been on teaching and curriculum design of introductory courses Jen is involved in s

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