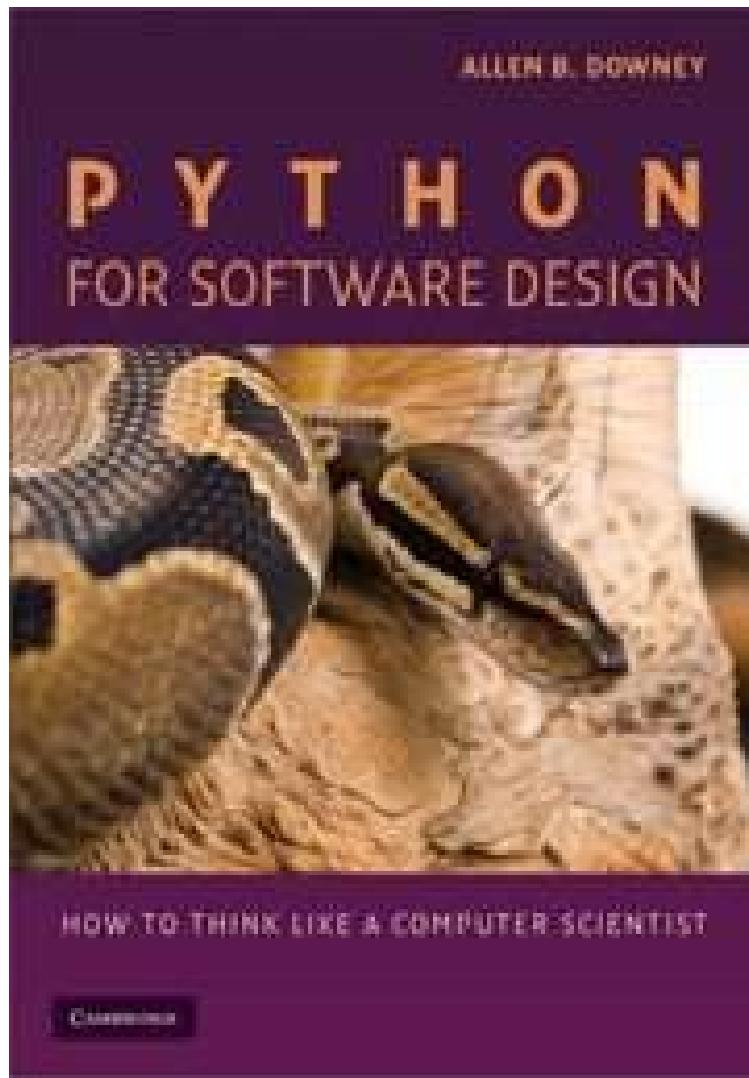# Python for Software Design: How to Think Like a Computer Scientist

By Allen B. Downey
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2 of 2 review helpful Great Book however difficult exercises By Philipp Berndt I bought this book because I have always been interested in programming but never had the chance to learn This book is very well written and covers a lot however the exercises and examples became too difficult for me very quickly I have a filmmaking and photography degree so my background is not very mathematic and this book rel Python for Software Design is a concise introduction to software design using the Python programming language Intended for people with no programming experience this book starts with the most basic concepts and gradually adds new material Some of the ideas students find most challenging like recursion and object oriented programming are divided into a sequence of smaller steps and introduced over the course of several chapters The focus is on the programming proces I very much like Python for Software Design I hope that instructors in computational science will learn some pedagogical lessons from it Repeatedly the book showed code that was simply readable The feature its rationale its uses and debugging hints are

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