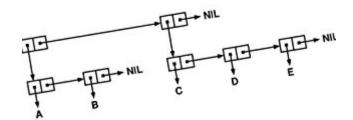
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# An Accessible Introduction To Common Lisp And Functional Programming

An Accessible Introduction to Common Lisp and Functional Programming



Shin-Nosuke Yamada



### Synopsis

#Currently, this e-book is only for Kindle tablet, not for iOS.#Although I got a one-star due to problems on iOS, I also got a five-star for the Japanese edition!'Good book, easy to understand -This book explains the basic ideas of Lisp in a friendly manner, and very easy to understand. Most of the textbooks on Lisp do not explain basic ideas enough, and the learning curve is so steep to follow examples. This book does not belong to this category. It gives you plain explanations, and there are a lot of plain examples. Descriptions contain no gaps, and they are very clear and succinct. The author took 3 years to complete his book. I appreciate his passion for promoting Lisp and its greatness, and therefore I give a five-star to support his activities.'The purpose of this book is to describe what Common Lisp is about, and what functional programming is about. Readers do not need any knowledge about computer programming. The most important feature of this book is efficiency. There are a lot of examples which enable readers to grasp features of Common Lisp at a glance. Every single function defined in this book is displayed with examples which show how the function work. Readers can read this book to the end with enormous speed, because readers can see results, and see the programmes after that. The programmes in this book are designed in a functional manner, and use no external libraries.Contents1 Functions, Symbols and Lists2 Recursive Functions3 Lambda List Keywords4 Tail Recursions5 MAPCAR6 Closures7 Multiple Values8 DO Loop9 Random Numbers10 Characters and Strings11 File Input and Output12 Macros13 Delayed Evaluations14 HTML15 Markdown 16 2D Computer Graphics17 3D Animation18 Orbits of Cerestal Bodies19 Lisp Programmes on PostScript Systems20 Binary Numbers 21 Huffman/LZ Data Compressionabout 400 pages

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#### Customer Reviews

This book is great! It helped me learn programming and I would heartily recommend it to anyone interested in learning to program (though it is really hard to get recursion the way this book explains it).

Very concise description of the language and how to use it.

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